

# We Make Custom Antibodies That Work<sup>™</sup>!

Custom antibody services as unique as your research

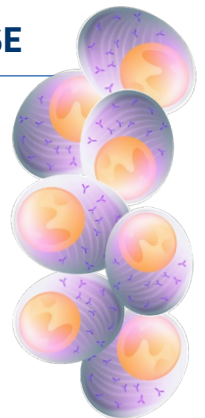
## PHOSPHORYLATION EXPERTS

- ◆ Phospho's founders have roots in Nobel laureate Paul Greengard's lab
- ◆ Three decades of experience producing phosphospecific antibodies
- ◆ Novel purification technique to optimize phosphospecificity



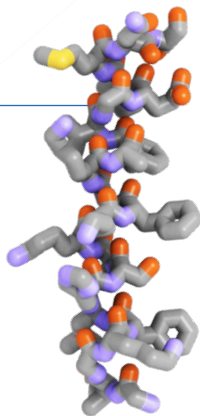
## GREATER IMMUNE RESPONSE

- ◆ Extended boost period for rabbits to maximize response
- ◆ ALL bleeds are screened to identify highest titer serum
- ◆ The highest titer bleeds are combined to ensure antibody reproducibility



## FULL SERVICE CUSTOM ANTIBODIES

- ◆ No hidden fees!
- ◆ Design of immunizing antigen
- ◆ Purification of antibody via sequential chromatography
- ◆ Characterization in ELISA and Western blot



## PERSONAL CUSTOMER SUPPORT

- ◆ Collaboration with the scientist who developed your antibody
- ◆ Your feedback on the antibody's utility helps with characterization
- ◆ Focus on optimization of the antibody in your system



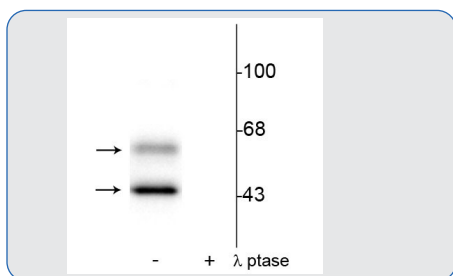
Distributed by:

**CliniSciences Group**

# Featured Products

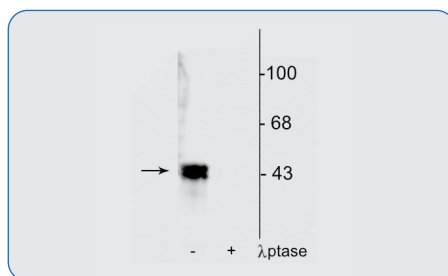
Advance your research with our Antibodies that Work™

CATALOG #	TARGET	TESTED/ASSUMED-BASED ON 100% SEQUENCE HOMOLOGY	VALIDATED APPLICATIONS
<b>p1005-286</b>	CaM Kinase II (Thr286)	Mouse, Rat, Bovine, Canine, Chicken, Human, Sheep, Xenopus, Zebrafish	WB
<b>p160-2024</b>	ERK/MAPK (Thr202/Tyr204)	Human, Mouse, Rat, Bovine, Canine, Chicken, Non-human Primate, Xenopus, Zebrafish	WB, IHC
<b>p1125-499</b>	FMRP (Ser499)	Mouse, Rat, Bovine, Canine, Chicken, Human, Non-human Primate, Sheep, Xenopus, Zebrafish	WB
<b>p1160-845</b>	GluR1-Subunit (Ser845)	Mouse, Rat, Human, Non-human Primate	WB, IHC
<b>p1311-53</b>	NCC (Thr53)	Mouse, Guinea Pig, Hamster	WB
<b>1495-NR2A</b>	NMDA NR2A	Human, Mouse, Rat	WB, IHC, IP
<b>1496-NR2B</b>	NMDA NR2B	Human, Mouse, Rat	WB, IHC, IP
<b>p1516-1472</b>	NMDA NR2B (Tyr1472)	Mouse, Rat, Bovine, Canine, Chicken, Human, Non-human Primate, Zebrafish	WB
<b>p1551-940</b>	KCC2 (ser940)	Rat, Bovine, Canine, Human, Mouse, Non-human Primate	WB
<b>1832-RBPMS</b>	RBPMS	Guinea Pig, Mouse, Non-human Primate, Rabbit, Rat, Canine, Hamster, Human	WB, IHC
<b>1926-SYNP</b>	Synapsin	Human, Mouse, Rat	WB, IF, IP, IHC
<b>2025-THRAB</b>	Tyrosine Hydroxylase	All Mammalian Species	WB, IF, IHC



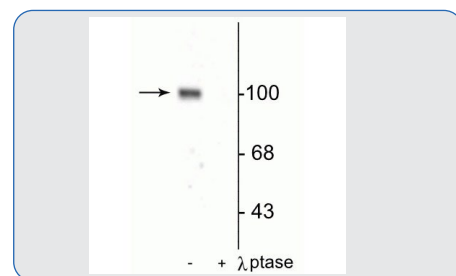
### CaM Kinase II (Thr286)

Western blot of rat brain lysate showing phosphospecific immunolabeling of the ~50 kDa  $\alpha$ - and the ~60 kDa  $\beta$ -CaM Kinase II phosphorylated at Thr286 in the first lane (-). Signal is completely eliminated by blot treatment with lambda phosphatase (+).



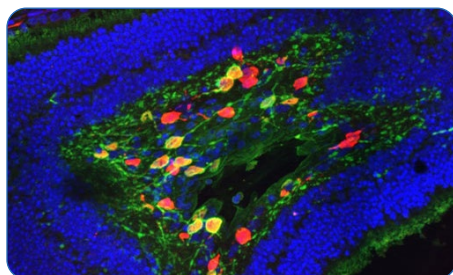
### ERK/MAPK (Thr202/Tyr204)

Western blot of human T47D cell lysate showing specific immunolabeling of ~42-44 kDa ERK/MAPK protein phosphorylated at Thr202/Tyr204 in the first lane (-). Signal is completely eliminated by blot treatment with lambda phosphatase (+).



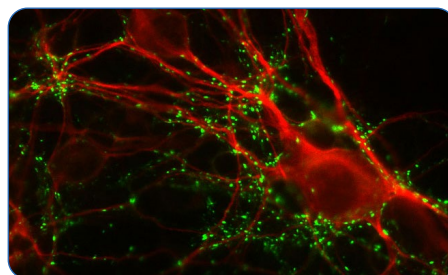
### GluR1-Subunit (Ser845)

Western blot of rat hippocampal lysate showing phosphospecific immunolabeling of the ~100 kDa GluR1 protein phosphorylated at Ser845 in the first lane (-). Signal is completely eliminated by blot treatment with lambda phosphatase (+).



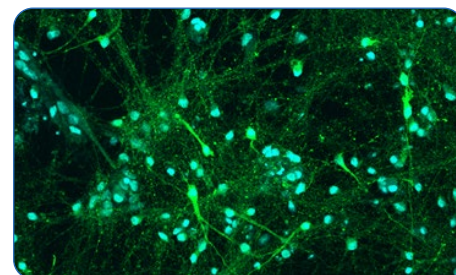
### RBPMS

Immunostaining of retinal ganglion cells from the blind mole rat, Spalax Ehrenbergi, stained for RBPMS (red), melanopsin (green), and DAPI (blue).



### Synapsin

Immunostaining of cultured mouse caudate neurons showing punctate distribution of synapsin (cat. 1926-SYNP, 1:1000, green) and MAP (red).



### Tyrosine Hydroxylase

Immunofluorescence of human iPSC-derived dopaminergic neurons labeled with anti-tyrosine hydroxylase (cat. 2025-THRAB, green, 1:500). The blue stain is DAPI.

Distributed by:

**CliniSciences Group**

# CliniSciences Group

## Austria

Company: CliniSciences GmbH  
Address: Sternwartestrasse 76, A-1180  
Wien - Austria  
Telephone: +43 720 115 580  
Fax: +43 720 115 577  
Email: [oesterreich@clinisciences.com](mailto:oesterreich@clinisciences.com)  
Web: <https://www.clinisciences.com>



## Belgium

Company: CliniSciences S.R.L  
Address: Avenue Stalingrad 52, 1000  
Brussels - Belgium  
Telephone: +32 2 31 50 800  
Fax: +32 2 31 50 801  
Email: [belgium@clinisciences.com](mailto:belgium@clinisciences.com)  
Web: <https://www.clinisciences.com>



## Denmark

Company: CliniSciences ApS  
Address: Oesterbrogade 226, st. 1,  
Copenhagen, 2100 - Denmark  
Telephone: +45 89 888 349  
Fax: +45 89 884 064  
Email: [danmark@clinisciences.com](mailto:danmark@clinisciences.com)  
Web: <https://www.clinisciences.com>



## Finland

Company: CliniSciences ApS  
Address: Oesterbrogade 226, st. 1,  
Copenhagen, 2100 - Denmark  
Telephone: +45 89 888 349  
Fax: +45 89 884 064  
Email: [suomi@clinisciences.com](mailto:suomi@clinisciences.com)  
Web: <https://www.clinisciences.com>



## France

Company: CliniSciences S.A.S  
Address: 74 Rue des Suisses, 92000  
Nanterre - France  
Telephone: +33 9 77 40 09 09  
Fax: +33 9 77 40 10 11  
Email: [info@clinisciences.com](mailto:info@clinisciences.com)  
Web: <https://www.clinisciences.com>



## Germany

Company: Biotrend Chemikalien GmbH  
Address: Wilhelm-Mauser-Str. 41-43,  
50827 Köln - Germany  
Telephone: +49 221 9498 320  
Fax: +49 221 9498 325  
Email: [info@biotrend.com](mailto:info@biotrend.com)  
Web: <https://www.biotrend.com>



## Iceland

Company: CliniSciences ApS  
Address: Oesterbrogade 226, st. 1,  
Copenhagen, 2100 - Denmark  
Telephone: +45 89 888 349  
Fax: +45 89 884 064  
Email: [island@clinisciences.com](mailto:island@clinisciences.com)  
Web: <https://www.clinisciences.com>



## Ireland

Company: CliniSciences Limited  
Address: Ground Floor, 71 lower Baggot street  
Dublin D02 P593 - Ireland  
Telephone: +353 1 6971 146  
Fax: +353 1 6971 147  
Email: [ireland@clinisciences.com](mailto:ireland@clinisciences.com)  
Web: <https://www.clinisciences.com>



## Italy

Company: CliniSciences S.r.l  
Address: Via Maremmana inferiore 378  
Roma 00012 Guidonia Montecelio - Italy  
Telephone: +39 06 94 80 56 71  
Fax: +39 06 94 80 00 21  
Email: [italia@clinisciences.com](mailto:italia@clinisciences.com)  
Web: <https://www.clinisciences.com>



## Netherlands

Company: CliniSciences B.V.  
Address: Kraaijenhoffstraat 137A,  
1018RG Amsterdam, Netherlands  
Telephone: +31 85 2082 351  
Fax: +31 85 2082 353  
Email: [nederland@clinisciences.com](mailto:nederland@clinisciences.com)  
Web: <https://www.clinisciences.com>



## Norway

Company: CliniSciences ApS  
Address: Oesterbrogade 226, st. 1,  
Copenhagen, 2100 - Denmark  
Telephone: +45 89 888 349  
Fax: +45 89 884 064  
Email: [norge@clinisciences.com](mailto:norge@clinisciences.com)  
Web: <https://www.clinisciences.com>



## Poland

Company: CliniSciences sp.Z.o.o.  
Address: ul. Rotmistrza Witolda Pileckiego 67  
lok. 200 - 02-781 Warszawa -Poland  
Telephone: +48 22 307 0535  
Fax: +48 22 307 0532  
Email: [polska@clinisciences.com](mailto:polska@clinisciences.com)  
Web: <https://www.clinisciences.com>



## Portugal

Company: Quimigen Unipessoal LDA  
Address: Rua Almada Negreiros, Lote 5, Loja 14,  
2615-275 Alverca Do Ribatejo - Portugal  
Telephone: +351 30 8808 050  
Fax: +351 30 8808 052  
Email: [info@quimigen.com](mailto:info@quimigen.com)  
Web: <https://www.quimigen.pt>



## Spain

Company: CliniSciences Lab Solutions  
Address: C/ Hermanos del Moral 13  
(Bajo E), 28019, Madrid - Spain  
Telephone: +34 91 269 40 65  
Fax: +34 91 269 40 74  
Email: [espana@clinisciences.com](mailto:espana@clinisciences.com)  
Web: <https://www.clinisciences.com>



## Sweden

Company: CliniSciences ApS  
Address: Oesterbrogade 226, st. 1,  
Copenhagen, 2100 - Denmark  
Telephone: +45 89 888 349  
Fax: +45 89 884 064  
Email: [sverige@clinisciences.com](mailto:sverige@clinisciences.com)  
Web: <https://www.clinisciences.com>



## Switzerland

Company: CliniSciences Limited  
Address: Marktgasse 18 8302 Kloten -  
Switzerland  
Telephone: +41 (044) 805 76 81  
Fax: +41 (044) 805 76 75  
Email: [switzerland@clinisciences.com](mailto:switzerland@clinisciences.com)  
Web: <https://www.clinisciences.com>



## UK

Company: CliniSciences Limited  
Address: 11 Progress Business center, Whittle  
Parkway, SL1 6DQ Slough- United Kingdom  
Telephone: +44 (0)1753 866 511  
or +44 (0) 330 684 0982  
Fax: +44 (0)1753 208 899  
Email: [uk@clinisciences.com](mailto:uk@clinisciences.com)  
Web: <https://www.clinisciences.com>



## USA

Company: Biotrend Chemicals LLC  
Address: c/o Carr Riggs Ingram,  
500 Grand Boulevard, Suite 210 Miramar  
Beach, FL 32550- USA  
Telephone: +1 850 650 7790  
Fax: +1 850 650 4383  
Email: [info@biotrend-usa.com](mailto:info@biotrend-usa.com)  
Web: <https://www.biotrend-usa.com>

