

γ -H2AX antibody

Product Information

Catalog No.:	FNab10441
Size:	100 μ g
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	\geq 95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

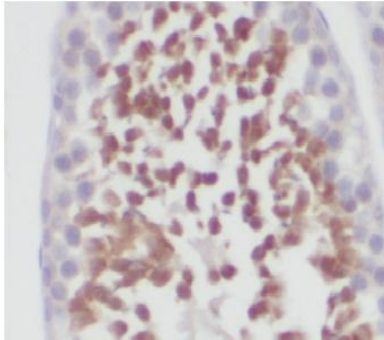
H2A.X becomes phosphorylated on serine 139 (to form gamma-H2AFX or H2AX139ph) in response to DNA double strand breaks (DSBs) generated by exogenous genotoxic agents and by stalled replication forks, which promotes DNA repair and maintains genomic stability.

Immunogen information

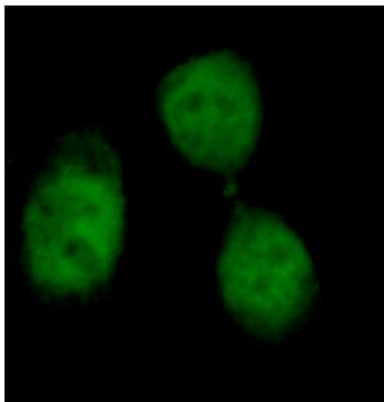
Immunogen:	A synthetic phosphorylated peptide around S139 of human H2AX
Synonyms:	Histone H2AX (H2a/x) Histone H2A.X H2AX H2AFX
Observed MW:	17 kDa
Uniprot ID :	P16104

Application

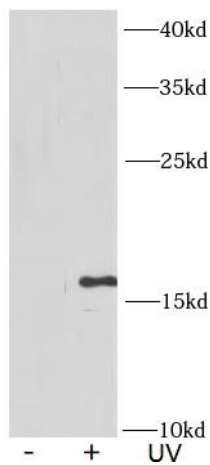
Reactivity:	Human, Mouse, Rat
Tested Application:	WB, IHC, IF
Recommended dilution:	WB: 1:500-1:1000; IHC: 1:20-1:200; IF: 1:20-1:100
Image:	



Immunohistochemistry of paraffin-embedded mouse testis tissue slide using FNab10441(γ -H2AX Antibody) at dilution of 1:100



Immunofluorescent analysis of HeLa cells using FNab10441 (γ -H2AX antibody) at dilution of 1:100. HeLa cells were treated by UV for 15-30 minutes at RT.



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with FNab10441(γ -H2AX Antibody) at dilution of 1:1000. NIH/3T3 cells were treated by UV for 15-30 minutes.