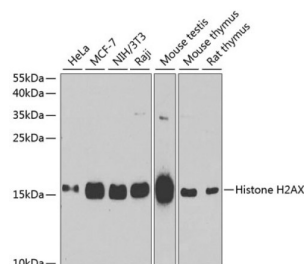
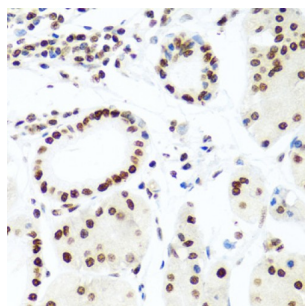


Histone H2A.X (H2AFX) Antibody

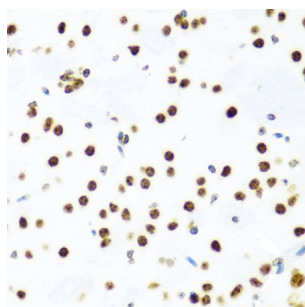
Catalogue No.: abx125925



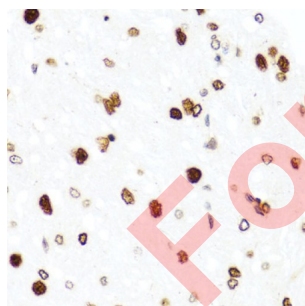
Western blot analysis of various lysates using Histone H2AX Antibody at 1/1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 90s.



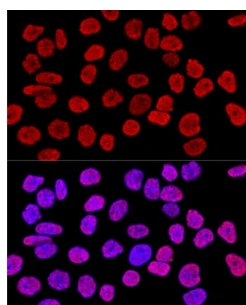
Immunohistochemistry analysis of paraffin-embedded Human stomach using Histone H2AX Antibody at dilution of 1/100 (40x lens). Microwave antigen retrieval performed in 0.01 M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse brain using Histone H2AX Antibody at dilution of 1/100 (40x lens). Microwave antigen retrieval performed in 0.01 M PBS Buffer (pH 7.2) prior to IHC staining.



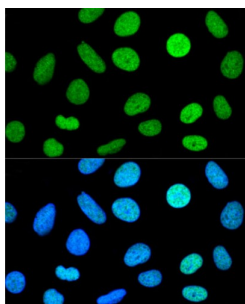
Immunohistochemistry analysis of paraffin-embedded Rat brain using Histone H2AX Antibody at dilution of 1/100 (40x lens). Microwave antigen retrieval performed in 0.01 M PBS Buffer (pH 7.2) prior to IHC staining.



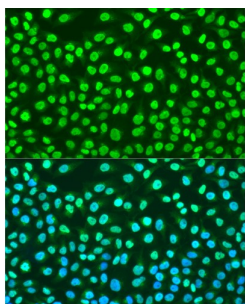
Confocal immunofluorescence analysis of HeLa cells using Histone H2AX Antibody at dilution of 1/400. Blue: DAPI for nuclear staining.

Datasheet

Version: 3.0.0
Revision date: 22 May 2025



Confocal immunofluorescence analysis of U-2 OS cells using Histone H2AX Antibody at dilution of 1/400. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using Histone H2AX Antibody at dilution of 100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1/500 dilution. Blue: DAPI for nuclear staining.

H2AFX Antibody is a Rabbit Polyclonal against H2AFX.

Target:	Histone H2A.X (H2AFX)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	ELISA, WB, IHC, IF/ICC
Host:	Rabbit
Recommended dilutions:	ELISA: 1 µg/ml, WB: 1/500 - 1/1000, IHC-P: 1/100 - 1/200, IF/ICC: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 50-143 of human Histone H2AX.
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

Datasheet

Version: 3.0.0

Revision date: 22 May 2025



UniProt Primary AC: P16104 ([UniProt](#), [ExPASy](#))

Gene Symbol: H2AFX

GeneID: [3014](#)

NCBI Accession: NP_002096.1

KEGG: hsa:3014

String: [9606.ENSP00000434024](#)

Molecular Weight: Calculated MW: 15 kDa
Observed MW: 16 kDa

Buffer: PBS, pH 7.3, containing 0.09% sodium azide, 50% glycerol.

Concentration: > 0.2 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only