Rabbit anti-Human, Mouse H2AX Polyclonal Antibody | anti-H2AX antibody

Rabbit anti-H2AX Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA210753	**Rabbit**	**Human, Mouse**	**Immunocytochemistry, Immunocytochemistry, Immunohistochemistry, Western Blot**

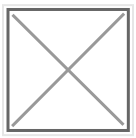
PRODUCT SYNONYMS

H2AX; Polyclonal Antibody; Rabbit anti-H2AX Antibody; Affinity Purified; H2AX histone; histone H2AX; H2A/X; H2A.X; histone H2A.x; Histone H2AX; H2A histone family member X; anti-H2AX antibody

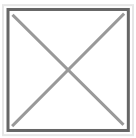
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-H2AX antibody	ICC (Immunocytochemistry), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Between 93 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)
Detection of human and mouse H2AX by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, TCMK-1, and NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-H2AX antibody AAA210753 (lot AAA210753-3) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



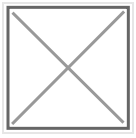
IHC (Immunohistochemistry)
Detection of human H2AX by immunohistochemistry. Sample:FFPE section of human ovarian carcinoma. Antibody:Affinity purified rabbit anti-H2AX (Cat. No. AAA210753 lot 3) used at a dilution of 1:5,000 (0.2ug/ml). Detection:DAB



IHC (Immunohistochemisry)
Detection of mouse H2AX by immunohistochemistry. Sample:FFPE section of mouse renal cell carcinoma. Antibody:Affinity purified rabbit anti-H2AX (Cat. No. AAA210753 lot 3) used at a dilution of 1:5,000 (0.2ug/ml). Detection:DAB



ICC (Immunocytochemistry)
Detection of mouse H2AX by immunocytochemistry. Samples: Asynchronous wild-type (+/+) and H2AX knockout (-/-) mouse embryonic fibroblasts. Antibody: Affinity purified rabbit anti-H2AX antibody AAA210753 used at 2 ug/ml. Detection: Rhodamine labelled goat anti-rabbit IgG.



ICC (Immunocytochemistry)
Detection of human H2AX by immunohistochemistry. Sample:FFPE section of HCT 116 cell line. Antibody:Affinity purified rabbit anti-H2AX (Cat. No. AAA210753 lot 3) used at a dilution of 1:5,000 (0.2ug/ml). Detection:DAB

ADDITIONAL INFORMATION

Related Product Information for anti-H2AX antibody	H2AX is a member of the histone H2A family. The four core histones involved in the formation of the nucleosome structure of compacted chromatin are H2A, H2B, H3, and H4. H2AX may function to facilitate DNA repair, and recent studies have shown that H2AX is required for the maintenance of genomic stability.
Product Categories/Family for anti-H2AX antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504253
NCBI GeneID	3014
NCBI Accession #	NP_002096.1
NCBI GenBank Nucleotide #	NM_002105.2
UniProt Accession #	P16104; Q4ZGJ7; Q6IAS5
Molecular Weight	15,145 Da
NCBI Official Full Name	histone H2A.x
NCBI Official Synonym Full Names	H2A histone family, member X
NCBI Official Symbol	H2AFX
NCBI Official Synonym Symbols	H2AX; H2A.X; H2A/X
NCBI Protein Information	histone H2A.x; H2AX histone
UniProt Protein Name	Histone H2A.x
UniProt Gene Name	**H2AFX**
UniProt Synonym Gene Names	H2AX; H2a/x
UniProt Entry Name	H2AX_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/h2ax-antibody-immunocytochemistry-immunocytochemistry-immunohistochemistry-western-blot-elisa/210753