

Rabbit Histone Deacetylase 5 (pS498) Polyclonal Antibody | anti-HDAC5 antibody

Anti-Histone Deacetylase 5 (pS498) Phospho Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA104896	Rabbit	Human, Mouse, Rat, Bovine, Pig	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Histone Deacetylase 5 (pS498); Polyclonal Antibody; Anti-Histone Deacetylase 5 (pS498) Phospho Antibody; KIAA0600; Histone deacetylase 5; HD5; Antigen NY-CO-9; anti-HDAC5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Pig
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Histone Deacetylase 5 (pS498) protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	1123
Applicable Applications for anti-HDAC5 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding S498 of human Histone Deacetylase 5 protein. The exact sequence is proprietary.
Preparation and Storage	Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



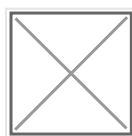
IF (Immunofluorescence)

Immunofluorescent analysis of Histone Deacetylase 5 (pS498) staining in Raw264.7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of Histone Deacetylase 5 (pS498) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of Histone Deacetylase 5 (pS498) expression in HEK293T LPS-treated (A), Raw264.7 TNFa-treated (B), rat kidney (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-HDAC5 antibody	Rabbit polyclonal antibody to Histone Deacetylase 5 (pS498)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	62750349
NCBI GeneID	10014
NCBI Accession #	NP_001015053.1
NCBI GenBank Nucleotide #	NM_001015053.1
UniProt Accession #	Q9UQL6; O60340; O60528; Q96DY4; C9JFV9
Molecular Weight	122,049 Da
NCBI Official Full Name	histone deacetylase 5 isoform 3
NCBI Official Synonym Full Names	histone deacetylase 5
NCBI Official Symbol	HDAC5
NCBI Official Synonym Symbols	HD5; NY-CO-9
NCBI Protein Information	histone deacetylase 5; antigen NY-CO-9
UniProt Protein Name	Histone deacetylase 5
UniProt Gene Name	HDAC5
UniProt Synonym Gene Names	KIAA0600; HD5
UniProt Entry Name	HDAC5_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/histone-deacetylase-5-ps498-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/104896>