

Rabbit Histone Deacetylase 3 Polyclonal Antibody | anti-HDAC3 antibody

Anti-Histone Deacetylase 3 (pS424) Phospho Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA260956	Rabbit	Human, Mouse, Rat, Chicken	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

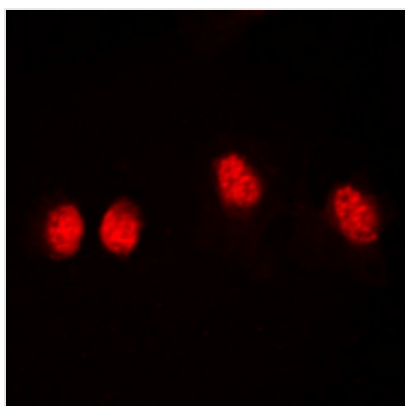
PRODUCT SYNONYMS

Histone Deacetylase 3; Polyclonal Antibody; Anti-Histone Deacetylase 3 (pS424) Phospho Antibody; Histone deacetylase 3; HD3; RPD3-2; SMAP45; anti-HDAC3 antibody

PRODUCT SPECIFICATIONS

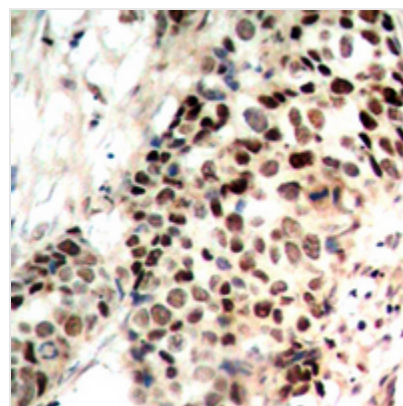
Host	Rabbit
Reactivity	Human, Mouse, Rat, Chicken
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Histone Deacetylase 3 (pS424) protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Sequence Length	428
Applicable Applications for anti-HDAC3 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Histone Deacetylase 3. The exact sequence is proprietary.
Preparation and Storage	Shipped and store at 4 degree C for one year. Do not freeze.

IMAGES



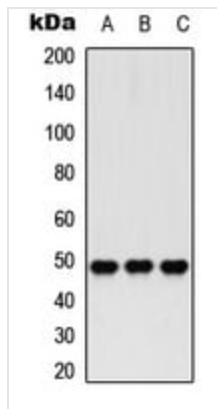
IF (Immunofluorescence)

Immunofluorescent analysis of Histone Deacetylase 3 (pS424) staining in HeLa 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 3 (pS424) 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 3 (pS424) expression in HeLa (A), K562 (B), NIH3T3 (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-HDAC3 antibody

Rabbit polyclonal antibody to Histone Deacetylase 3 (pS424)

NCBI AND UNIPROT INFORMATION

NCBI GI #	3334210
NCBI GeneID	8841
UniProt Accession #	O15379; O43268; Q9UEI5; Q9UEV0; D3DQE1
Molecular Weight	49,111 Da
NCBI Official Full Name	Histone deacetylase 3
NCBI Official Synonym Full Names	histone deacetylase 3
NCBI Official Symbol	HDAC3
NCBI Official Synonym Symbols	HD3; RPD3; RPD3-2
NCBI Protein Information	histone deacetylase 3
UniProt Protein Name	Histone deacetylase 3
UniProt Gene Name	HDAC3
UniProt Synonym Gene Names	HD3
UniProt Entry Name	HDAC3_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-3-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/260956>