

Rabbit Histone Deacetylase 1 Polyclonal Antibody | anti-HDAC1 antibody

Anti-Histone Deacetylase 1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA104705	Rabbit	Human, Mouse, Rat, Rabbit	Flow Cytometry, Functional Assay, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

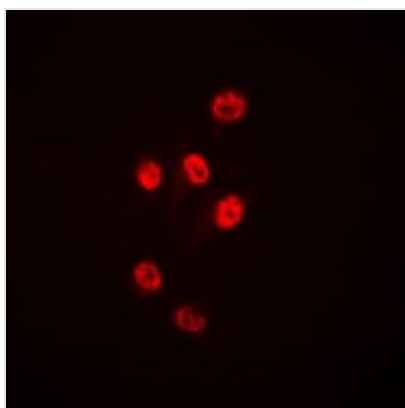
PRODUCT SYNONYMS

Histone Deacetylase 1; Polyclonal Antibody; Anti-Histone Deacetylase 1 Antibody; RPD3L1; Histone deacetylase 1; HD1; anti-HDAC1 antibody

PRODUCT SPECIFICATIONS

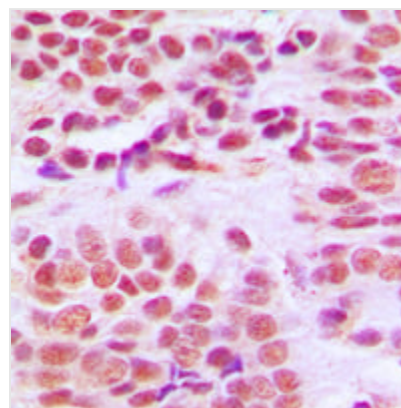
Host	Rabbit
Reactivity	Human, Mouse, Rat, Rabbit
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Histone Deacetylase 1 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	482
Applicable Applications for anti-HDAC1 antibody	FCM/FACS (Flow Cytometry), 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 1. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



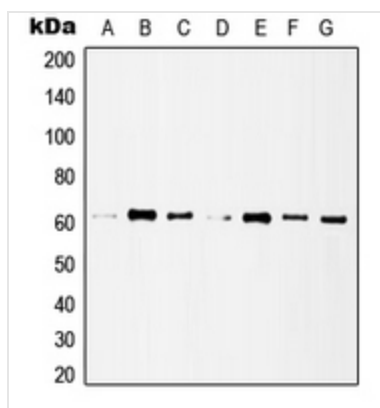
IF (Immunofluorescence)

Immunofluorescent analysis of Histone Deacetylase 1 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 1 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 1 expression in MCF7 (A), HeLa (B), A431 (C), Jurkat (D), NIH3T3 (E), mouse lung (F), rat heart (G) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-HDAC1 antibody

Rabbit polyclonal antibody to Histone Deacetylase 1

NCBI AND UNIPROT INFORMATION

NCBI GI #	13128860
NCBI GeneID	3065
NCBI Accession #	NP_004955.2
NCBI GenBank Nucleotide #	NM_004964.2
UniProt Accession #	Q13547; Q92534
Molecular Weight	55,103 Da
NCBI Official Full Name	histone deacetylase 1
NCBI Official Synonym Full Names	histone deacetylase 1
NCBI Official Symbol	HDAC1
NCBI Official Synonym Symbols	HD1; RPD3; GON-10; RPD3L1
NCBI Protein Information	histone deacetylase 1; reduced potassium dependency, yeast homolog-like 1
UniProt Protein Name	Histone deacetylase 1
UniProt Gene Name	HDAC1
UniProt Synonym Gene Names	RPD3L1; HD1
UniProt Entry Name	HDAC1_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-1-antibody-flow-cytometry-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/104705>