

Rabbit anti-Human, Mouse HDAC3 Phospho Ser424 Polyclonal Antibody | anti-HDAC3 antibody

HDAC3 Phospho Ser424 antibody (pAb)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA60353	Rabbit	Human, Mouse	Western Blot, Dot Blot

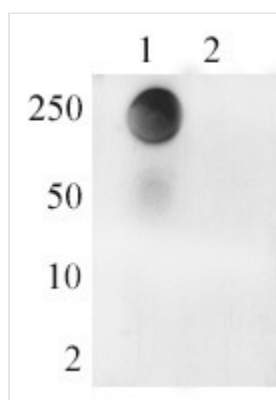
PRODUCT SYNONYMS

HDAC3 Phospho Ser424; Polyclonal Antibody; HDAC3 Phospho Ser424 antibody (pAb); HDAC3 Phospho Ser424 pAb; Phospho-HDAC3 (Ser424); Phospho-HDAC3; anti-HDAC3 antibody

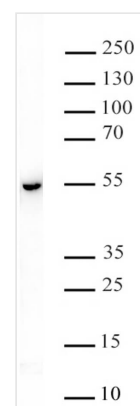
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Protein A Chromatography
Form/Format	Purified IgG in PBS with 30% glycerol and 0.035% sodium azide. Sodium azide is highly toxic.
Applicable Applications for anti-HDAC3 antibody	WB (Western Blot), DB (Dot Blot)
Immunogen	This HDAC3 antibody was raised against a synthetic peptide sequence phosphorylated at serine 424.
Preparation and Storage	Store at -20 degree C. Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20 degree C for up to 2 years. Keep all reagents on ice when not in storage.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-HDAC3 antibody	HDAC3 Phospho Ser424 antibody (pAb) was raised in a Rabbit host. It has been validated for use in Dot blot and Western blot; it has been shown to react with Human and Mouse samples. HDAC3 (Histone Deacetylase 3) is a member of the class I mammalian histone deacetylases (HDACs) involved in regulating chromatin structure during transcription. These enzymes catalyze the removal of acetyl groups from lysine residues of histones and other cellular proteins. Lysine N-e-acetylation is a dynamic, reversible and tightly regulated protein and histone modification that plays a major role in regulation of gene expression in various cellular functions. It consists of the transfer of an acetyl moiety from an acetyl coenzyme A to the e-amino group of a lysine residue. In vivo, acetylation is controlled by the antagonistic activities of histone acetyltransferases (HATs) and histone deacetylases (HDACs). The HDACs are grouped into four classes, on the basis of similarity to yeast counterparts: HDAC class I (HDAC1, HDAC2, HDAC3 and HDAC8), class II (HDAC4, HDAC5, HDAC6, HDAC7, 9 and 10), class III (SIRT1-7) and class IV (HDAC11). By forming multi-protein complexes with the co-repressors SMRT and N-CoR, HDAC3 regulates the transcription of a plethora of genes. A growing list of non-histone proteins extends the role of HDAC3 beyond transcriptional repression. HDAC1, HDAC2 and HDAC3 are also ubiquitously expressed and can deacetylate both H3 and H4 in free histones or nucleosome substrate.
Product Categories/Family for anti-HDAC3 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	13128862
NCBI GeneID	8841
NCBI Accession #	NP_003874.2
NCBI GenBank Nucleotide #	NM_003883.3
UniProt Accession #	O15379; O43268; Q9UEI5; Q9UEV0; D3DQE1
Molecular Weight	48,848 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; SMAP45
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/hdac3-phospho-ser424-antibody-western-blot-dot-blot-elisa/60353>