

Product Name: HDAC6 Rabbit Monoclonal Antibody**Catalog #: AMRe87545**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,FC,IP
Reactivity	Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,FC 1:200-1:500,IP 1:20-1:50
Molecular Weight	Calculated MW:126 kDa; Observed MW:160 kDa

Antigen Information

Gene Name	HDAC6
Alternative Names	Hd6; Sfc6; Hdac5; mHDA2
Gene ID	15185
SwissProt ID	Q9Z2V5
Immunogen	A synthetic peptide of mouse HDAC6

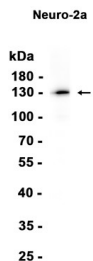
Background

Enables cytoskeletal protein binding activity; protein deacetylase activity; and ubiquitin binding activity. Involved in several processes, including positive regulation of peptidyl-serine phosphorylation; protein deacetylation; and protein destabilization.

Acts upstream of or within several processes, including aggresome assembly; cellular protein metabolic process; and neuron projection morphogenesis. Located in several cellular components, including dendrite; microtubule cytoskeleton; and perikaryon. Part of protein-containing complex. Is expressed in several structures, including central nervous system; early embryo; future midbrain; gut gland; and lung. Human ortholog(s) of this gene implicated in chondrodysplasia with platyspondyly, distinctive brachydactyly, hydrocephaly, and microphthalmia. Orthologous to human HDAC6 (histone deacetylase 6). [provided by Alliance of Genome Resources, Apr 2022]

Research Area

Image Data



Western blot analysis of extracts from Neuro-2a cells using HDAC6 Rabbit Monoclonal Antibody at 1:1000.