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Product datasheet for TA349074

HDAC6 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 0.5 - 1 ug/mL, IHC: 5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	HDAC6 antibody was raised against a 16 amino acid peptide near the carboxy terminus of human HDAC6
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	HDAC6 antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 134 kDa; Observed: 145 kDa
Gene Name:	histone deacetylase 6
Database Link:	NP_006035 Entrez Gene 15185 MouseEntrez Gene 10013 Human Q9UBN7
Background:	The histone deacetylase (HDAC) family contains multiple members which are divided into four classes. Class II of the HDAC family comprises six members, HDAC4, 5, 6, 7, 9 and 10, each of which appear to have tissue-specific roles (1). HDAC6 contains an internal duplication of two catalytic domains which appear to function independently of each other (2). HDAC6 has been shown to be part of the microtubule network and acts as a specific alpha-tubulin deacetylase, and has been suggested to be a potential therapeutic target in neurodegenerative disease (3).
Synonyms:	CMT2A; CMT2A2; CMT2A2A; CMT2A2B; CPRP1; HMSN6A; HSG; MARF

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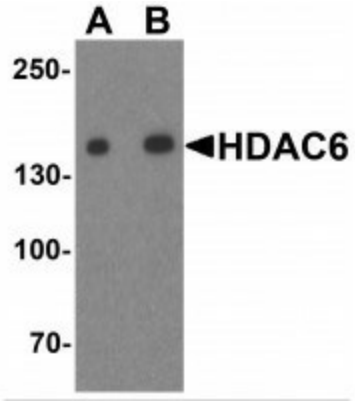
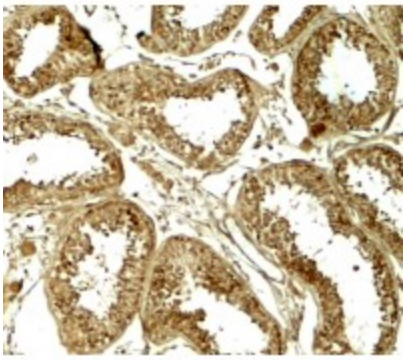
Protein Families: Druggable Genome, Transcription Factors

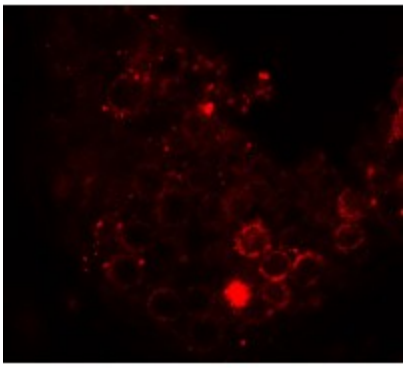
Product images:



Western blot analysis of HDAC6 in human testis tissue lysate with HDAC6 antibody at (A) 0.5 and (B) 1 ug/mL.



Immunohistochemistry of HDAC6 in human testis tissue with HDAC6 antibody at 5 ug/mL.



Immunofluorescence of HDAC6 in human testis tissue with HDAC6 antibody at 20 ug/mL.