

Histone Deacetylase 11 (HDAC11) Antibody

CATALOG NO:	3611P-30T	30 µg (Trial size)
	3611P-100	100 µg
HOST:	Rabbit	
IMMUNOGEN:	Synthetic peptide surrounding amino acid 269 of human HDAC11 (ID# BV-75)	
SPECIES REACTIVITY:	Human, Mouse, Rat	

FORMULATION:

0.5 mg/ml in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.03% Proclin

STORAGE CONDITIONS:

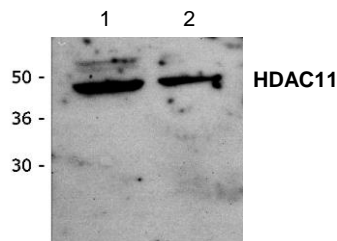
Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

BACKGROUND:

HDAC family is divided into two classes, I and II. Class I of the HDAC family comprises four members, HDAC1, 2, 3, and 8. Class II of the HDAC family comprises HDAC4, 5, 6, and 7, the molecular weights of which are all about two-fold larger than those of the class I members. Human HDAC1, 2 and 3 were expressed in various tissues, but the others (HDAC4, 5, 6, and 7) showed tissue-specific expression patterns. These results suggest that each member of the HDAC family exhibits a different, individual substrate specificity and function in vivo.

SPECIFICITY: The antibody recognizes 39 kDa HDAC11 of human, mouse, and rat origins.

APPLICATION: The antibody can be used in Western blotting (0.5-4 µg/ml). However, the optimal concentrations should be determined individually. Blocking peptide (Cat.# 3610BP-50) is available separately.



Cat. # 3611P-100
Western blot analysis of HDAC11 in lysates from Jurkat cells (Lane 1) and mouse small intestine (Lane 2).

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
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