

HDAC-10 Polyclonal Antibody

CATALOG #:	3610-100
AMOUNT:	100 µg
LOT #:	_____
HOST:	Rabbit
IMMUNOGEN:	Synthetic peptide near the N-terminus of human HDAC-10 (ID# BV-73)
SPECIES REACTIVITY:	human, mouse, rat

FORMULATION:

100 µg (0.2 mg/ml) affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

STORAGE CONDITIONS:

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

BACKGROUND:

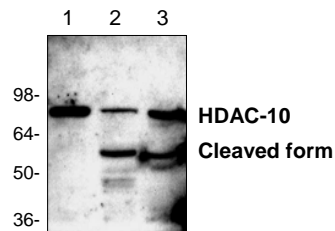
HDAC family are divided into two classes, I and II. Class I of the HDAC family comprises four members, HDAC-1, 2, 3, and 8. Class II of the HDAC family comprises HDAC-4, 5, 6, and 7, the molecular weights of which are all about two-fold larger than those of the class I members. Human HDAC-1, 2 and 3 were expressed in various tissues, but the others (HDAC-4, 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 74 kDa HDAC-10 of human, mouse, and rat origins. A 55 kDa cleavage fragment can also be detected in mouse and rat tissue lysates.

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.# 36101-00) is available separately.



Cat.# 3610-100
Western blot analysis of HDAC-10 expression.
Lane 1: Jurkat Cells
Lane 2: Mouse Intestine
Lane 3: Rat Brain

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- Caspase Assay Kits & Reagents
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- Nuclear Apoptosis Kits & Reagents
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- Mammalian Cell Extraction Kit
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- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
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