

Product datasheet for **TA336684**

HDAC10 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-1:1000
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a portion of human HDAC 10.
Formulation:	PBS, 0.05% Sodium Azide. Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Concentration:	lot specific
Purification:	Immunogen affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	62 kDa
Gene Name:	histone deacetylase 10
Database Link:	NP_114408 Entrez Gene 83933 Human Q969S8
Background:	A novel class II histone deacetylase, HDAC10 is most similar to HDAC6. Both contain a unique, putative second catalytic domain not found in other HDACs. In HDAC10, however, this domain is not functional. Unlike HDAC6, which is normally a cytoplasmic deacetylase, HDAC10 resides in both the nucleus and cytoplasm. Data suggests that HDAC10 may play roles both in the nucleus, as a transcriptional modulator, and in the cytoplasm in an unidentified role.
Synonyms:	HD10

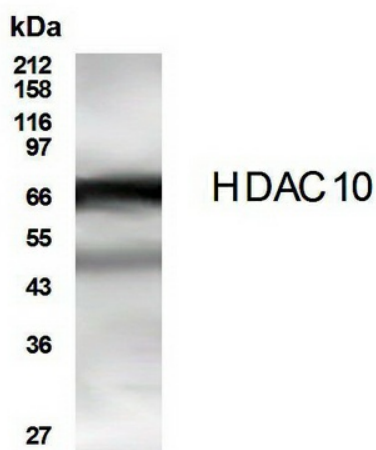


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Note: Western blot, a predominant band is seen at ~65-70 kDa; it has been reported that HDAC10 variants seem present in certain cell lines and tissues that are as of yet uncharacterized. Other bands may be seen below 50 kDa, and in some cases they are predominant.

Protein Families: Druggable Genome, Transcription Factors

Product images:



Western Blot: HDAC10 Antibody TA336684 - WB analysis of HDAC10 in HeLa cells with TA336684 at a dilution of 1:250.