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HDAC7A Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant HDAC7A.
Catalog # AT2341a

Product Information

Application	WB, E
Primary Accession	Q8WUI4
Other Accession	BC006453
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2b Kappa
Clone Names	2B11-1C1
Calculated MW	102927

Additional Information

Gene ID	51564
Other Names	Histone deacetylase 7, HD7, Histone deacetylase 7A, HD7a, HDAC7, HDAC7A
Target/Specificity	HDAC7A (AAH06453.1, 1 a.a. ~ 276 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	HDAC7A Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

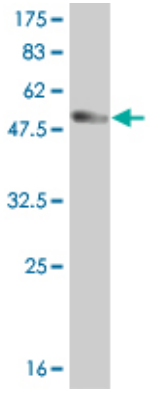
Background

Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. The protein encoded by this gene has sequence homology to members of the histone deacetylase family. This gene is orthologous to mouse HDAC7 gene whose protein promotes repression mediated via the transcriptional corepressor SMRT. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

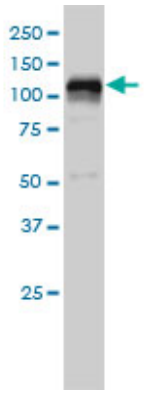
References

1.HDAC7 and FoxA1 in estrogen-mediated repression of RPRM.Malik S, Jiang S, Garee JP, Verdin E, Lee AV,

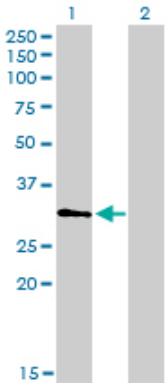
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (56.1 KDa) .

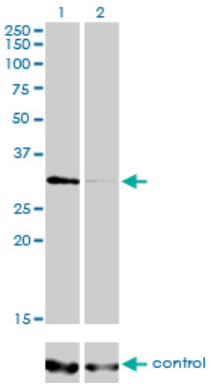


HDAC7A monoclonal antibody (M01), clone 2B11-1C1 Western Blot analysis of HDAC7A expression in K-562 ((Cat # AT2341a)



Western Blot analysis of HDAC7A expression in transfected 293T cell line by HDAC7A monoclonal antibody (M01), clone 2B11-1C1.

Lane 1: HDAC7A transfected lysate(29.6 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged HDAC7A is approximately 0.3ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.