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anti-HDAC11 antibody (C-Term)

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Publications



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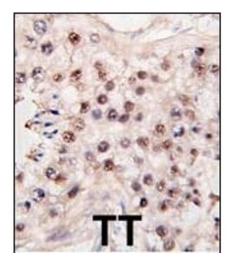
Overview			
Quantity:	400 μL		
Target:	HDAC11		
Binding Specificity:	AA 313-345, C-Term		
Reactivity:	Human, Mouse		
Host:	Rabbit		
Clonality:	Polyclonal		
Conjugate:	This HDAC11 antibody is un-conjugated		
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))		
Product Details			
Immunogen:	This HDAC11 antibody is generated from rabbits immunized with a KLH conjugated synthetic		
	peptide between 313-345 amino acids from the C-terminal region of human HDAC11.		
Clone:	RB2589		
Isotype:	Ig Fraction		
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by		
	dialysis against PBS.		
Target Details			
Target:	HDAC11		
Alternative Name:	HDAC11 (HDAC11 Products)		

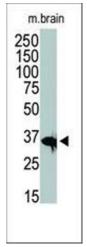
Target Details

HDAC11 is responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Histone deacetylases act via the formation of large multiprotein complexes. The predominantly nuclear HDAC11, which interacts with HDAC6, is weakly expressed in most tissues, and strongly expressed in brain, heart, skeletal muscle, kidney and testis. Its activity is inhibited by trapoxin, a known histone deacetylase inhibitor.	
39183	
79885	
NP_001129513, NP_079103	
Q96DB2	
WB: 1:1000. IHC-P: 1:50~100	
For Research Use only	
Liquid	
Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.	
Sodium azide	
This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Avoid freeze-thaw cycles.	
4 °C,-20 °C	
Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in sm aliquots.	
6 months	
Wang, Wang, Liu, Liu, Tay, Walsh, Yang, Wu: "CRISPR/Cas9 mediated genome editing of	

Helicoverpa armigera with mutations of an ABC transporter gene HaABCA2 confers resistance to Bacillus thuringiensis Cry2A toxins." in: **Insect biochemistry and molecular biology**, Vol. 87, pp. 147-153, (2017) (PubMed).

Images





Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human testicle tumor tissue reacted with HDAC11 antibody (Cterm) (ABIN387965 and ABIN2844703), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.

Western Blotting

Image 2. The anti-HDAC11 Pab (ABIN387965 and ABIN2844703) is used in Western blot to detect HDAC11 in mouse brain tissue lysate.