## For Research Use Only

## HDAC5-specific Polyclonal antibody Catalog Number:16166-1-AP Featured Product 26 Publications

Featured Product



Basic Information	Catalog Number: 16166-1-AP	GenBank Accession Number: BC051824	Purification Method: Antigen affinity purification
	Size: 150ul, Concentration: 600 ug/ml by Nanodrop; Source: Rabbit	GeneID (NCBI): 10014 UNIPROT ID: Q9UQL6 Full Name:	Recommended Dilutions: W8: 1:100-1:1000 IHC: 1:50-1:500 IF/ICC: 1:50-1:500
	Isotype: IgG	histone deacetylase 5 Calculated MW: 122 kDa Observed MW: 120-140 kDa	
Applications	Tested Applications:	Positive	e Controls:
	WB, IHC, IF/ICC, ELISA WB : HeLa ce Cited Applications: tissue		La cells, HEK-293 cells, fetal human brain
	WB, IHC, IF, CoIP Species Specificity:	IHC : m heart ti	ouse brain tissue, human brain tissue, humar ssue
	human, mouse Cited Species: human, mouse, rat		HepG2 cells,
	Note-IHC: suggested antigen ı		
	TE buffer pH 9.0; (*) Alternati retrieval may be performed w buffer pH 6.0		
Background Information	TE buffer pH 9.0; (*) Alternati retrieval may be performed w buffer pH 6.0 Histone acetylation and deacetylatio classes of HDAC were identified. HDJ residues on the N-terminal part of the epigenetic repression and plays an in developmental events. Histone deac involved in muscle maturation by re	on alternately expose and occlud AC5 is a class II HDAC. HDAC5 is e core histones (H2A, H2B, H3, an mportant role in transcriptional r etylases act via the formation of pressing transcription of myocyt the cytoplasm, allowing the exp	ression of myocyte enhancer factors. This
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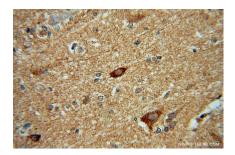
## Selected Validation Data



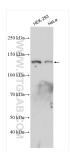
Immunohistochemical analysis of paraffinembedded mouse brain tissue slide using 16166-1-AP (HDAC5-specific antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



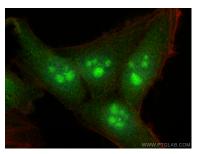
HeLa cells were subjected to SDS PAGE followed by western blot with 16166-1-AP (HDAC5-specific antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffinembedded human brain using 16166-1-AP (HDAC5specific antibody) at dilution of 1:50 (under 40x lens).



Various lysates were subjected to SDS PAGE followed by western blot with 16166-1-AP (HDAC5specific antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepC2 cells using HDAC5-specific antibody (16166-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).