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Datasheet for ABIN2775871 anti-PHF21A antibody (Middle Region)

1 Image

1 Publication



Overview

Quantity:	100 μL	
Target:	PHF21A	
Binding Specificity:	Middle Region	
Reactivity:	Human, Rat, Rabbit, Dog, Guinea Pig, Cow, Horse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This PHF21A antibody is un-conjugated	
Application:	Western Blotting (WB)	

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human PHF21A
Sequence:	LSKPSLEKQT VKSHTETDEK QTESRTITPP AAPKPKREEN PQKLAFMVSL
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against PHF21A. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	PHF21A

Alternative Name:	PHF21A (PHF21A Products)

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Target Details

Background:	PHF21A (BHC80) is a component of a BRAF35/histone deacetylase complex (BHC) that	
	mediates repression of neuron-specific genes through the cis-regulatory element known as	
	repressor element-1 (RE1) or neural restrictive silencer (NRS).BHC80 is a component of a	
	BRAF35 (MIM 605535)/histone deacetylase (HDAC, see MIM 601241) complex (BHC) that	
	mediates repression of neuron-specific genes through the cis-regulatory element known as	
	repressor element-1 (RE1) or neural restrictive silencer (NRS) (Hakimi et al., 2002 [PubMed	
	12032298]).[supplied by OMIM].	
	Alias Symbols: BHC80, BM-006, KIAA1696	
	Protein Interaction Partner: KRT40, BANP, NUP62, ZYX, TRAF1, FHL3, HDAC2, HDAC1,	
	HIST3H3, HMG20B, ELAVL1, SUMO2, HIST2H3C, ESCO2, KDM1A, TAF10, RCOR1, LPXN, GTF2I,	
	Protein Size: 634	
Molecular Weight:	70 kDa	
Gene ID:	51317	
NCBI Accession:	NM_016621, NP_057705	
Pathways:	Feeding Behaviour	
Application Details		

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 634 AA	
Restrictions:	For Research Use only	

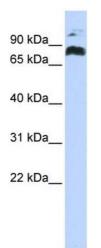
Handling

Format:	Liquid	
Concentration:	Lot specific	
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 $\%$ (w/v) sodium azide and 2 $\%$ sucrose.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE whic should be handled by trained staff only.	
Handling Advice:	Avoid repeated freeze-thaw cycles.	
Storage:	-20 °C	

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Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Publications	
Product cited in:	Ramsey, Clarke, Roberts, Sullivan, Johnson, Liu: "An economic evaluation of atorvastatin for primary prevention of cardiovascular events in type 2 diabetes." in: PharmacoEconomics , Vol. 26, Issue 4, pp. 329-39, (2008) (PubMed).

Validation report #104256 for Western Blotting (WB)



Western	Blotting	
	Diotting	

Image 1. WB Suggested Anti-PHF21A Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: Jurkat cell lysate