

Datasheet for ABIN2775871

anti-PHF21A antibody (Middle Region)



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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)

Target Details

Background:	<p>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].</p> <p>Alias Symbols: BHC80, BM-006, KIAA1696</p> <p>Protein Interaction Partner: KRT40, BANP, NUP62, ZYX, TRAF1, FHL3, HDAC2, HDAC1, HIST3H3, HMG20B, ELAVL1, SUMO2, HIST2H3C, ESCO2, KDM1A, TAF10, RCOR1, LPXN, GTF2I,</p> <p>Protein Size: 634</p>
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 which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

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

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