

Datasheet for ABIN2776824
anti-HEY1 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	HEY1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio), Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HEY1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human HEY1
Sequence:	ALGSMSPPTS SQILARKRRR GIIEKRRRDR INNSLSELRR LVPSAFEKQG
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 93%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against HEY1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	HEY1
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Target Details

Alternative Name:	HEY1 (HEY1 Products)
Background:	<p>Hairy/enhancer of split-related proteins, such as HEY1, are basic helix-loop-helix (bHLH) transcription factors implicated in cell fate decision and boundary formation. HEY genes are direct transcriptional targets of the Notch signaling pathways in Drosop</p> <p>Alias Symbols: CHF2, HERP2, HESR1, HRT-1, MGC1274, OAF1, BHLHb31</p> <p>Protein Interaction Partner: SYVN1, DERL2, HEY2, SEL1L, PRKD2, LAPTM5, SKIL, SMAD9, SMAD3, ARNT, NOTCH1, ELAVL1, FBXW7, HEY1, GATA1, MYOD1,</p> <p>Protein Size: 304</p>
Molecular Weight:	32 kDa
Gene ID:	23462
NCBI Accession:	NM_012258 , NP_036390
UniProt:	Q9Y5J3
Pathways:	Tube Formation

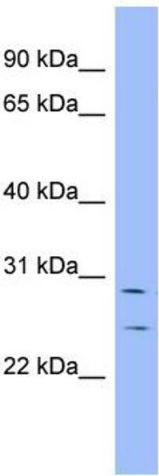
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 304 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
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.



Western Blotting

Image 1. WB Suggested Anti-HEY1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: ACHN cell lysate