

Datasheet for ABIN2777654
anti-HIF1AN antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	HIF1AN
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Dog, Horse, Cow, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HIF1AN 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 HIF1AN
Sequence:	EAGALGPAWD ESQLRYSFSP TRPIPRLSQS DPRAEELIEN EEPVVLTDN
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against HIF1AN. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	HIF1AN
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Target Details

Alternative Name:	HIF1AN (HIF1AN Products)
Background:	HIF1AN is a co-repressor that interacts with hypoxia-inducible factor 1 (HIF-1) alpha and the von Hippel-Lindau tumor suppressor protein to mediate repression of HIF-1 transcriptional activity. Alias Symbols: FIH1 Protein Interaction Partner: HIF1A, ASB8, ASB7, ASB6, ASB5, ASB16, UACA, FEM1B, NFKB1, ASB9, UBC, UBD, HIF1AN, UBE3A, ELAVL1, OTUD7B, FBF1, ASB13, HDAC3, INVS, HDAC2, HDAC1, VHL, ASB4, SIAH1, Protein Size: 349
Molecular Weight:	40 kDa
Gene ID:	55662
NCBI Accession:	NM_017902 , NP_060372
UniProt:	Q9NWT6
Pathways:	Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 349 AA
Restrictions:	For Research Use only

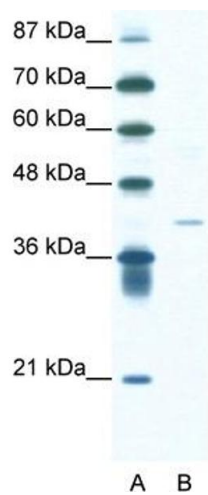
Handling

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.

Images



Western Blotting

Image 1. WB Suggested Anti-HIF1AN Antibody Titration: 1.25ug/ml ELISA Titer: 1:1562500 Positive Control: Jurkat cell lysate