Datasheet for ABIN2775948

anti-MID1 antibody (C-Term)

1 Image

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Overview

Quantity:	100 µL
Target:	MID1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MID1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human MID1
Sequence:	AINQAGSRSS EPGKLKTNSQ PFKLDPKSAH RKLKVSHDNL TVERDESSSK
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against MID1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	MID1

Target Details

Alternative Name:	MID1 (MID1 Products)
Background:	MID1 is a member of the tripartite motif (TRIM) family, also known as the 'RING-B box-coiled coil' (RBCC) subgroup of RING finger proteins. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. This protein forms homodimers which associate with microtubules in the cytoplasm. The protein is likely involved in the formation of multiprotein structures acting as anchor points to microtubules. Mutations in this gene have been associated with the X-linked form of Opitz syndrome, which is characterized by midline abnormalities such as cleft lip, laryngeal cleft, heart defects, hypospadias, and agenesis of the corpus callosum. This gene was also the first example of a gene subject to X inactivation in human while escaping it in mouse. Several different transcript variants are generated by alternate splicing, however, the full length nature of two variants has not been determined. Alias Symbols: OS, FXY, OSX, OGS1, XPRF, BBBG1, GBBB1, MIDIN, RNF59, ZNFXY, TRIM18 Protein Interaction Partner: STK36, MID2, UBE2E3, DYRK4, UBE2E2, UBE2E1, UBE2D3, UBE2D2, UBE2D1, PKN1, PPP2R4, PPP2CA, MID1, MEOX1, FKBP1A, EHHADH, BYSL, TCEANC, UBTD1, OTUB2, GMCL1, HTT, IGBP1, PNKP, MID1IP1, GNB2L1, RPS8, RPS3, NPM1, HSP90AA1, EEF1A1, ANXA2, UBC, UBE2D4, UBE2N, ELA Protein Size: 667
Molecular Weight:	75 kDa
Gene ID:	4281
NCBI Accession:	NM_000381, NP_000372
UniProt:	O15344

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 667 AA
Restrictions:	For Research Use only

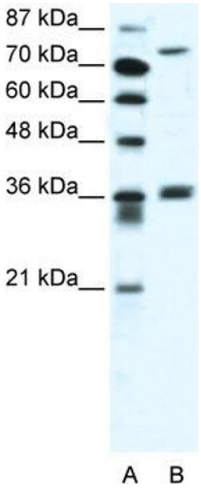
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %

Handling

	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.

Images



Western Blotting

Image 1. WB Suggested Anti-MID1 Antibody Titration: 2.5ug/ml ELISA Titer: 1:312500 Positive Control: Jurkat cell lysate