

Datasheet for ABIN2461022

anti-MID1 antibody

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1 Image

Overview

Quantity:	100 µL
Target:	MID1
Reactivity:	Human, Mouse, Rat, Dog, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MID1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human MID1.
Purification:	Antibody is purified by protein A chromatography method.

Target Details

Target:	MID1
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

Target Details

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.

Molecular Weight: 75 kDa, 75 kDa, 62 kDa

Gene ID: 4281

NCBI Accession: [NP_000372](#)

UniProt: [O15344](#)

Application Details

Application Notes: MID1 antibody can be used for detection of MID1 by ELISA at 1:312500. MID1 antibody can be used for detection of MID1 by western blot at 2.5 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Add 100 µL of distilled water. Final antibody concentration is 1 mg/mL.

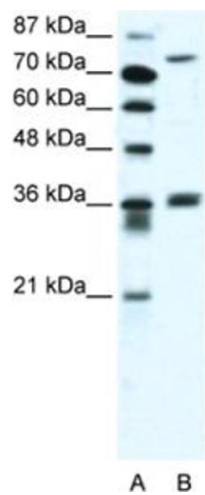
Concentration: 1 mg/mL

Buffer: Antibody is lyophilized in PBS buffer with 2 % sucrose.

Handling Advice: As with any antibody avoid repeat freeze-thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: For short periods of storage (days) store at 4 °C. For longer periods of storage, store MID1 antibody at -20 °C.



Western Blotting

Image 1.