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Datasheet for ABIN6143835
anti-MID1 antibody (AA 478-667)

2 Images

Overview

Quantity:	100 µL
Target:	MID1
Binding Specificity:	AA 478-667
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MID1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 478-667 of human MID1 (NP_000372.1).
Sequence:	KLKTN SQPFK LDPKSAHRKL KVSHDNLTVE RDESSSKKSH TPERFTSQGS YGVAGNVFID SGRHYWEVVI SGSTWYAIGL AYKSAPKHEW IGKNSASWAL CRCNNNWWVVR HNSKEIPIEP APHLRRVGIL LDYDNGSIAF YDALNSIHLY TFDVAFAQPV CPTFTVWNKC LTIITGLPIP DHLDCTEQLP
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

Target Details

Target: MID1

Alternative Name: MID1 ([MID1 Products](#))

Background: The protein encoded by this gene 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. Alternative promoter use, alternative splicing and alternative polyadenylation result in multiple transcript variants that have different tissue specificities.,MID1,BBBG1,FXY,GBBB1,MIDIN,OGS1,OS,OSX,RNF59,TRIM18,XPRF,ZNFXY,midline 1,Cell Biology & Developmental Biology,Ubiquitin,Ubiquitin-Proteasome Signaling Pathway,MID1

Molecular Weight: 62 kDa/75 kDa

Gene ID: 4281

UniProt: [O15344](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IF,1:50 - 1:100

Restrictions: For Research Use only

Handling

Format: Liquid

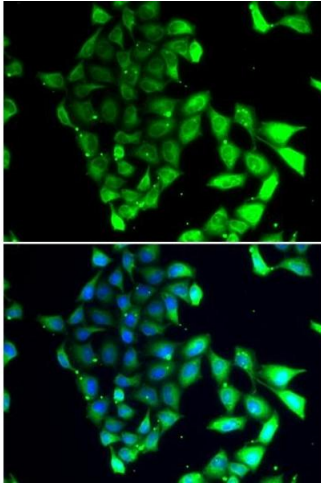
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

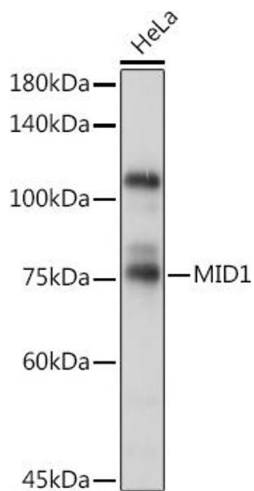
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Immunofluorescence

Image 1. Immunofluorescence analysis of MCF-7 cells using MID1 antibody (ABIN6129304, ABIN6143835, ABIN6143836 and ABIN6223122). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of HeLa cells, using MID1 Rabbit pAb (ABIN6129304, ABIN6143835, ABIN6143836 and ABIN6223122) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.