

MID2 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13639b

Specification

MID2 Antibody (C-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	O9UJV3
Other Accession	O9OUS6 , NP_036348.2 , NP_438112.2
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	690-717

MID2 Antibody (C-term) - Additional Information

Gene ID 11043

Other Names

Probable E3 ubiquitin-protein ligase MID2, 632-, Midin-2, Midline defect 2, Midline-2, RING finger protein 60, Tripartite motif-containing protein 1, MID2, FXY2, RNF60, TRIM1

Target/Specificity

This MID2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 690-717 amino acids from the C-terminal region of human MID2.

Dilution

WB~~1:1000

IHC-P~~1:10~50

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

MID2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

MID2 Antibody (C-term) - Protein Information

Name MID2

Synonyms FXY2, RNF60, TRIM1

Function E3 ubiquitin ligase that plays a role in microtubule stabilization. Mediates the 'Lys-48'-linked polyubiquitination of LRRK2 to drive its localization to microtubules and its proteasomal degradation in neurons. This ubiquitination inhibits LRRK2 kinase activation by RAB29 (PubMed:[35266954](#)).

Cellular Location

Cytoplasm. Cytoplasm, cytoskeleton Note=Microtubule-associated.

Tissue Location

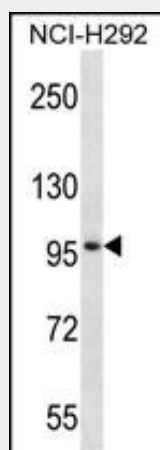
Low level in fetal kidney and lung, and in adult prostate, ovary and small intestine

MID2 Antibody (C-term) - Protocols

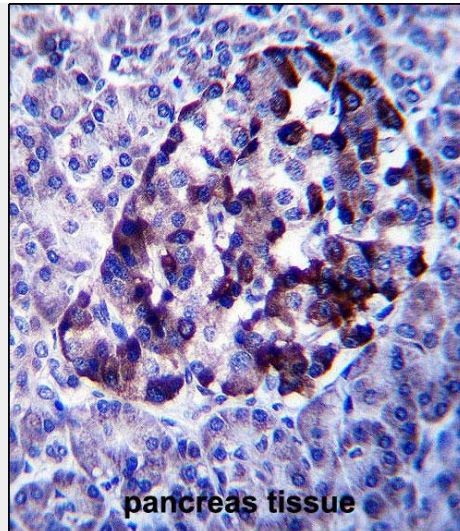
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MID2 Antibody (C-term) - Images



MID2 Antibody (C-term) (Cat. #AP13639b) western blot analysis in NCI-H292 cell line lysates (35ug/lane). This demonstrates the MID2 antibody detected the MID2 protein (arrow).



MID2 Antibody (C-term) (Cat. #AP13639b) immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of MID2 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

MID2 Antibody (C-term) - Background

The protein encoded by this gene is a member of the tripartite motif (TRIM) family. 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. The protein localizes to microtubular structures in the cytoplasm. Alternate splicing of this gene results in two transcript variants encoding different isoforms.

MID2 Antibody (C-term) - References

Lim, J., et al. Cell 125(4):801-814(2006)
Jehee, F.S., et al. Am. J. Med. Genet. A 139(3):221-226(2005)
Yap, M.W., et al. Proc. Natl. Acad. Sci. U.S.A. 101(29):10786-10791(2004)
Short, K.M., et al. BMC Cell Biol. 3, 1 (2002) :
Reymond, A., et al. EMBO J. 20(9):2140-2151(2001)