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MID2 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP13639b

Specification

MID2 Antibody (C-term) - Product Information

Application	**IHC-P, WB,E**
Primary Accession	Q9UJV3
Other Accession	Q9QUS6, 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
IHC-P~~1:10~50
WB~~1:1000
E~~Use at an assay dependent concentration.

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.

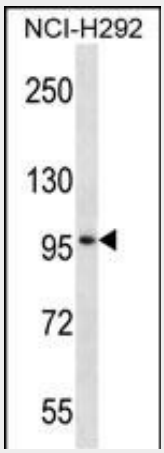
Tissue Location
Low level in fetal kidney and lung, and in adult prostate, ovary and small intestine

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 Cytomety
- 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).

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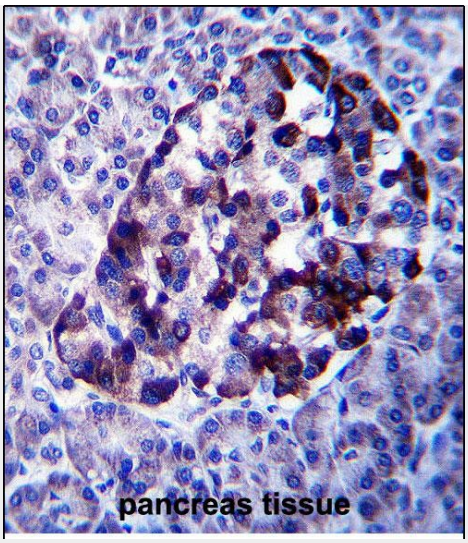

MID2 Antibody (C-term) (Cat. #AP13639b)immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of MID2 Antibody (C-term) for immunohistochemistry. Clinical 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

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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)