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MID1IP1 Antibody (N-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12762a

Specification

MID1IP1 Antibody (N-term) - Product Information

Application	**FC, IHC-P, WB,E**
Primary Accession	Q9NPA3
Other Accession	NP_001092260.1, NP_067065.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**20202**
Antigen Region	**24-51**

MID1IP1 Antibody (N-term) - Additional Information

Gene ID 58526

Other Names
Mid1-interacting protein 1, Gastrulation-specific G12-like protein, Mid1-interacting G12-like protein, Protein STRAIT11499, Spot 14-related protein, S14R, Spot 14-R, MID1IP1, MIG12

Target/Specificity
This MID1IP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 24-51 amino acids from the N-terminal region of human MID1IP1.

Dilution
FC~~1:10~50
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 prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

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
MID1IP1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

MID1IP1 Antibody (N-term) - Protein Information

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Name MID1IP1

Synonyms MIG12

Function Plays a role in the regulation of lipogenesis in liver. Up- regulates ACACA enzyme activity. Required for efficient lipid biosynthesis, including triacylglycerol, diacylglycerol and phospholipid. Involved in stabilization of microtubules (By similarity).

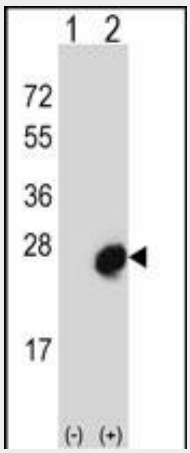
Cellular Location
Nucleus {ECO:0000250|UniProtKB:Q9CQ20}. Cytoplasm {ECO:0000250|UniProtKB:Q9CQ20}. Cytoplasm, cytoskeleton {ECO:0000250|UniProtKB:Q9CQ20}. Note=Associated with microtubules {ECO:0000250|UniProtKB:Q9CQ20}

MID1IP1 Antibody (N-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

MID1IP1 Antibody (N-term) - Images



Western blot analysis of MID1IP1 (arrow) using rabbit polyclonal MID1IP1 Antibody (N-term) (Cat. #AP12762a). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the MID1IP1 gene.

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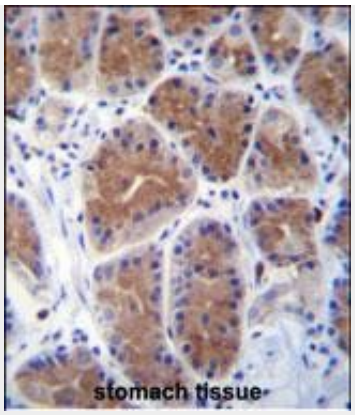
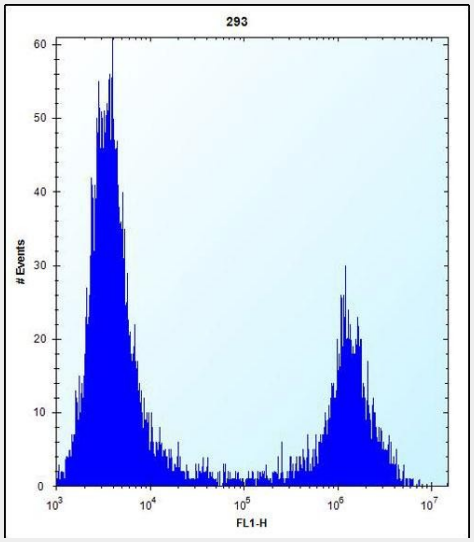


MID1IP1 Antibody (N-term) (Cat. #AP12762a)immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of MID1IP1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



MID1IP1 Antibody (N-term) (Cat. #AP12762a) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

MID1IP1 Antibody (N-term) - Background

MID1IP1 is involved in stabilization of microtubules (By similarity).

MID1IP1 Antibody (N-term) - References

Kim, C.W., et al. Proc. Natl. Acad. Sci. U.S.A. 107(21):9626-9631(2010)
Lamesch, P., et al. Genomics 89(3):307-315(2007)
Berti, C., et al. BMC Cell Biol. 5, 9 (2004) :