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MIG12 Antibody (internal region)

Peptide-affinity purified goat antibody

Catalog # AF3309a

Specification

MIG12 Antibody (internal region) - Product Information

Application	**WB**
Primary Accession	Q9NPA3
Other Accession	NP_067065.1, 58526, 68041 (mouse), 404280 (rat)
Reactivity	**Human**
Predicted	**Mouse, Rat, Dog, Cow**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**20202**

MIG12 Antibody (internal region) - 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

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
MIG12 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

MIG12 Antibody (internal region) - Protein Information

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).

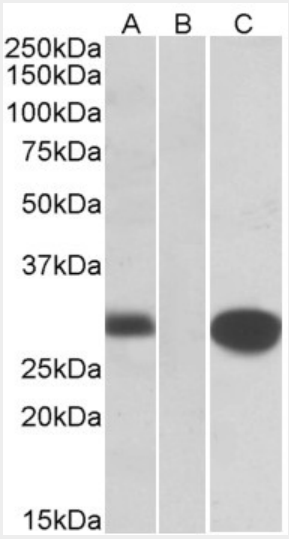
Cellular Location
Nucleus {ECO:0000250|UniProtKB:Q9CQ20}. Cytoplasm {ECO:0000250|UniProtKB:Q9CQ20}. Cytoplasm, cytoskeleton {ECO:0000250|UniProtKB:Q9CQ20}. Note=Associated with microtubules {ECO:0000250|UniProtKB:Q9CQ20}

MIG12 Antibody (internal region) - 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

MIG12 Antibody (internal region) - Images



HEK293 lysate (10ug protein in RIPA buffer) overexpressing Human MID1IP1 with C-terminal MYC tag probed with AF3309a (1ug/ml) in Lane A and probed with anti-MYC Tag (1/1000) in lane C. Mock-transfected HEK293 probed with AF3309a (1mg/ml) in Lane B. Primary incubations were for 1 hour. Detected by chemiluminescence.

MIG12 Antibody (internal region) - Background

Reported variants represent identical protein: NP_001092261.1, NP_067065.1, NP_001092260.1

MIG12 Antibody (internal region) - References

Mig12, a novel Opitz syndrome gene product partner, is expressed in the embryonic ventral midline and co-operates with Mid1 to bundle and stabilize microtubules. Berti C, Fontanella B, Ferrentino R, Meroni G, BMC cell biology 2004 Feb 5 : 9. PMID: 15070402