

Goat Anti-CENTB1 / ACAP1 Antibody
Peptide-affinity purified goat antibody
Catalog # AF1228a

Specification

Goat Anti-CENTB1 / ACAP1 Antibody - Product Information

Application	WB
Primary Accession	Q15027
Other Accession	NP_055531 , 9744 , 216859 (mouse)
Reactivity	Human
Predicted	Mouse, Rat, Dog, Cow
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	81536

Goat Anti-CENTB1 / ACAP1 Antibody - Additional Information

Gene ID 9744

Other Names

Arf-GAP with coiled-coil, ANK repeat and PH domain-containing protein 1, Centaurin-beta-1, Cnt-b1, ACAP1, CENTB1, KIAA0050

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, 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

Goat Anti-CENTB1 / ACAP1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-CENTB1 / ACAP1 Antibody - Protein Information

Name ACAP1

Synonyms CENTB1, KIAA0050

Function

GTPase-activating protein (GAP) for ADP ribosylation factor 6 (ARF6) required for clathrin-dependent export of proteins from recycling endosomes to trans-Golgi network and cell surface. Required for regulated export of ITGB1 from recycling endosomes to the cell surface and

ITGB1-dependent cell migration.

Cellular Location

Recycling endosome membrane; Peripheral membrane protein; Cytoplasmic side

Tissue Location

Highest level in lung and spleen. Low level in heart, kidney, liver and pancreas.

Goat Anti-CENTB1 / ACAP1 Antibody - 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](#)

Goat Anti-CENTB1 / ACAP1 Antibody - Images

AF1644a2 staining (0.5 µg/ml) of Jurkat lysate (RIPA buffer, 35 µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

Goat Anti-CENTB1 / ACAP1 Antibody - References

Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.
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An ACAP1-containing clathrin coat complex for endocytic recycling. Li J, et al. J Cell Biol, 2007 Jul 30. PMID 17664335.
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