

Goat Anti-CENTB2 / ACAP2 Antibody
Peptide-affinity purified goat antibody
Catalog # AF1229a

Specification

Goat Anti-CENTB2 / ACAP2 Antibody - Product Information

Application	WB, IHC, E
Primary Accession	Q15057
Other Accession	NP_036419 , 23527 , 78618 (mouse)
Reactivity	Human
Predicted	Mouse, Rat, Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	88029

Goat Anti-CENTB2 / ACAP2 Antibody - Additional Information

Gene ID 23527

Other Names

Arf-GAP with coiled-coil, ANK repeat and PH domain-containing protein 2, Centaurin-beta-2, Cnt-b2, ACAP2, CENTB2, KIAA0041

Dilution

WB~~1:1000
IHC~~1:100~500
E~~N/A

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-CENTB2 / ACAP2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-CENTB2 / ACAP2 Antibody - Protein Information

Name ACAP2

Synonyms CENTB2, KIAA0041

Function

GTPase-activating protein (GAP) for ADP ribosylation factor 6 (ARF6). Doesn't show GAP activity for RAB35 (PubMed:30905672).

Cellular Location

Cell membrane. Endosome membrane; Peripheral membrane protein. Note=Colocalizes with RAB35 at the membrane protrusions of HEK293T cells.

Tissue Location

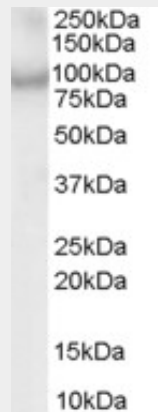
Widely expressed. Highest level in lung.

Goat Anti-CENTB2 / ACAP2 Antibody - Protocols

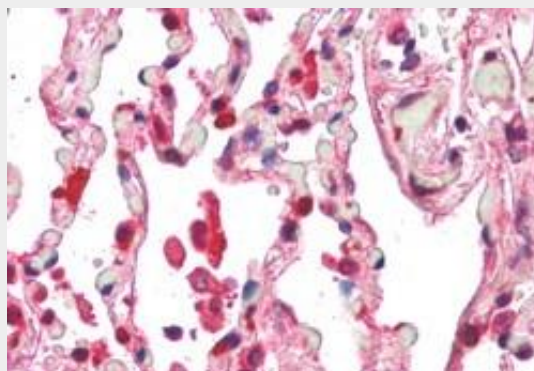
Provided below are standard protocols that you may find useful for product applications.

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

Goat Anti-CENTB2 / ACAP2 Antibody - Images



AF1229a (1 μ g/ml) staining of MOLT4 lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



AF1229a (5 µg/ml) staining of paraffin embedded Human Lung. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Goat Anti-CENTB2 / ACAP2 Antibody - References

Substrate specificities and activities of AZAP family Arf GAPs in vivo. Cuthbert EJ, et al. Am J Physiol Cell Physiol, 2008 Jan. PMID 18003747.

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Immunoaffinity profiling of tyrosine phosphorylation in cancer cells. Rush J, et al. Nat Biotechnol, 2005 Jan. PMID 15592455.

The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.

Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932.