

ACAP1 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP11134a**Specification**

ACAP1 Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [Q15027](#)**ACAP1 Antibody (N-term) Blocking peptide - 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

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ACAP1 Antibody (N-term) Blocking peptide - 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.

ACAP1 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

ACAP1 Antibody (N-term) Blocking peptide - Images

ACAP1 Antibody (N-term) Blocking peptide - Background

Catalyzes the transfer of Gal to GlcNAc-based acceptors with a preference for the core3 O-linked glycan GlcNAc(beta1,3)GalNAc structure. Can use glycolipid LC3Cer as an efficient acceptor.

ACAP1 Antibody (N-term) Blocking peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Cuthbert, E.J., et al. Am. J. Physiol., Cell Physiol. 294 (1), C263-C270 (2008) :Li, J., et al. J. Cell Biol. 178(3):453-464(2007)Wu, C., et al. Proteomics 7(11):1775-1785(2007)Shinozaki-Narikawa, N., et al. Traffic 7(11):1539-1550(2006)