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CORO7 Antibody (N-term) Blocking peptide

Synthetic peptide
Catalog # BP10766a

Specification

CORO7 Antibody (N-term) Blocking peptide - Product Information

Primary Accession P57737

CORO7 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 79585

Other Names
Coronin-7, Crn7, 70 kDa WD repeat tumor rejection antigen homolog, CORO7

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.

CORO7 Antibody (N-term) Blocking peptide - Protein Information

Name CORO7

Function
F-actin regulator involved in anterograde Golgi to endosome transport: upon ubiquitination via 'Lys-33'-linked ubiquitin chains by the BCR(KLHL20) E3 ubiquitin ligase complex, interacts with EPS15 and localizes to the trans-Golgi network, where it promotes actin polymerization, thereby facilitating post-Golgi trafficking. May play a role in the maintenance of the Golgi apparatus morphology.

Cellular Location
Golgi apparatus membrane. Golgi apparatus, trans- Golgi network. Cytoplasmic vesicle. Cytoplasm, cytosol. Note=Predominantly cytosolic. Detected on vesicle-like cytoplasmic structures and on the cis-Golgi. Not associated with actin filaments

Tissue Location
Widely expressed. Expressed in the spleen, peripheral leukocytes, testes, brain, thymus and small intestine

CORO7 Antibody (N-term) Blocking peptide - Protocols

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

- Blocking Peptides

CORO7 Antibody (N-term) Blocking peptide - Images

CORO7 Antibody (N-term) Blocking peptide - Background

Coronins, such as CORO7, constitute an evolutionarilyconserved family of WD-repeat actin-binding proteins. CORO7 plays arole in Golgi complex morphology and function (Rybakin et al.,2004, 2006 [PubMed 15327992] [PubMed 16905771]).

CORO7 Antibody (N-term) Blocking peptide - References

Rose, J. Phd, et al. Mol. Med. (2010) In press :Rybakin, V., et al. Cell. Mol. Life Sci. 65(15):2419-2430(2008)Rybakin, V., et al. J. Biol. Chem. 281(41):31070-31078(2006)Rybakin, V., et al. FEBS Lett. 573 (1-3), 161-167 (2004) :