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RND2 Antibody (C-term) Blocking peptide

Synthetic peptide
Catalog # BP12435b

Specification

RND2 Antibody (C-term) Blocking peptide - Product Information

Primary Accession P52198

RND2 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 8153

Other Names
Rho-related GTP-binding protein RhoN, Rho family GTPase 2, Rho-related GTP-binding protein Rho7, Rnd2, RND2, ARHN, RHO7

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.

RND2 Antibody (C-term) Blocking peptide - Protein Information

Name RND2

Synonyms ARHN, RHO7

Function
May be specifically involved in neuronal and hepatic functions. Is a C3 toxin-insensitive member of the Rho subfamily (By similarity).

Cellular Location
Cytoplasmic vesicle, secretory vesicle, acrosome membrane; Lipid-anchor; Cytoplasmic side. Note=Colocalizes with RACGAP1 in Golgi-derived proacrosomal vesicles and the acrosome.

Tissue Location
Highly expressed in testis.

RND2 Antibody (C-term) Blocking peptide - Protocols

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

- Blocking Peptides

RND2 Antibody (C-term) Blocking peptide - Images

RND2 Antibody (C-term) Blocking peptide - Background

This gene encodes a member of the Rho GTPase family, whosemembers play a key role in the regulation of actin cytoskeletonorganization in response to extracellular growth factors. Thisparticular family member has been implicated in the regulation ofneuronal morphology and endosomal trafficking. The gene localizesto chromosome 17 and is the centromeric neighbor of thebreast-ovarian cancer susceptibility gene BRCA1. [provided byRefSeq].

RND2 Antibody (C-term) Blocking peptide - References

Tanaka, H., et al. J. Biol. Chem. 281(15):10355-10364(2006)Kim, Y.S., et al. Comp. Biochem. Physiol., Part A Mol. Integr. Physiol. 142(4):410-415(2005)Kakimoto, T., et al. J. Biol. Chem. 279(14):14104-14110(2004)Naud, N., et al. Biochem. J. 372 (PT 1), 105-112 (2003) :Fujita, H., et al. J. Biol. Chem. 277(47):45428-45434(2002)