

**RND2 Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP12435b****Specification**

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**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, whose members play a key role in the regulation of actin cytoskeleton organization in response to extracellular growth factors. This particular family member has been implicated in the regulation of neuronal morphology and endosomal trafficking. The gene localizes to chromosome 17 and is the centromeric neighbor of the breast-ovarian cancer susceptibility gene BRCA1. [provided by RefSeq].

**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)