

**NRBP1 Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP13894a****Specification**

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**NRBP1 Antibody (N-term) Blocking peptide - Product Information**Primary Accession [Q9UHY1](#)**NRBP1 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 29959**Other Names**

Nuclear receptor-binding protein, NRBP1, BCON3 {ECO:0000312|EMBL:AAF219671}, NRBP

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody AP13894a was selected from the N-term region of NRBP1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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.

**NRBP1 Antibody (N-term) Blocking peptide - Protein Information****Name** NRBP1**Synonyms** BCON3 {ECO:0000312|EMBL:AAF21967.1}, NRB**Function**

Required for embryonic development (By similarity). Plays a role in intestinal epithelial cell fate and proliferation, thereby involved in the architectural development of the intestine potentially via the regulation of Wnt-responsive genes (By similarity). May play a role in subcellular trafficking between the endoplasmic reticulum and Golgi apparatus through interactions with the Rho-type GTPases (PubMed:<a href="http://www.uniprot.org/citations/11956649" target="\_blank">11956649</a>). Binding to the NS3 protein of dengue virus type 2 appears to subvert this activity into the alteration of the intracellular membrane structure associated with flaviviral replication (PubMed:<a href="http://www.uniprot.org/citations/15084397" target="\_blank">15084397</a>).

**Cellular Location**

Cytoplasm, cell cortex. Endomembrane system. Cell projection, lamellipodium. Note=Colocalizes with activated RAC3 to endomembranes and at the cell periphery in lamellipodia

**Tissue Location**

Ubiquitously expressed in all tissues examined with high levels in the testis.

**NRBP1 Antibody (N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**NRBP1 Antibody (N-term) Blocking peptide - Images****NRBP1 Antibody (N-term) Blocking peptide - Background**

NRBP1 may play a role in subcellular trafficking between the endoplasmic reticulum and Golgi apparatus through interactions with the Rho-type GTPases. Binding to the NS3 protein of dengue virus type 2 appears to subvert this activity into the alteration of the intracellular membrane structure associated with flaviviral replication.

**NRBP1 Antibody (N-term) Blocking peptide - References**

Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :Olsen, J.V., et al. Cell 127(3):635-648(2006)Wang, H., et al. FEBS Lett. 580(25):6015-6021(2006)Beausoleil, S.A., et al. Nat. Biotechnol. 24(10):1285-1292(2006)Hillier, L.W., et al. Nature 434(7034):724-731(2005)