

**NRARP Antibody (Center) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP13638c****Specification**

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**NRARP Antibody (Center) Blocking peptide - Product Information**Primary Accession [Q7Z6K4](#)**NRARP Antibody (Center) Blocking peptide - Additional Information****Gene ID** 441478**Other Names**

Notch-regulated ankyrin repeat-containing protein, NRARP

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody AP13638c was selected from the Center region of NRARP. 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.

**NRARP Antibody (Center) Blocking peptide - Protein Information****Name** NRARP**Function**

Downstream effector of Notch signaling. Involved in the regulation of liver cancer cells self-renewal (PubMed:<a href="http://www.uniprot.org/citations/25985737" target="\_blank">25985737</a>). Involved in angiogenesis acting downstream of Notch at branch points to regulate vascular density. Proposed to integrate endothelial Notch and Wnt signaling to control stalk cell proliferation and to stabilize new endothelial connections during angiogenesis (PubMed:<a href="http://www.uniprot.org/citations/19154719" target="\_blank">19154719</a>). During somitogenesis involved in maintenance of proper somite segmentation and proper numbers of somites and vertebrae. Required for proper anterior- posterior somite patterning. Proposed to function in a negative feedback loop to destabilize Notch 1 intracellular domain (NICD) and down-regulate the Notch signal, preventing expansion of the Notch signal into the anterior somite domain (By similarity).

**NRARP Antibody (Center) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**NRARP Antibody (Center) Blocking peptide - Images****NRARP Antibody (Center) Blocking peptide - Background**

NRARP may play a role in the formation of somites (By similarity).

**NRARP Antibody (Center) Blocking peptide - References**

Lamesch, P., et al. Genomics 89(3):307-315(2007)Wang, A.G., et al. Biochem. Biophys. Res. Commun. 345(3):1022-1032(2006)