

**APBB1IP Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP6977c****Specification**

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**APBB1IP Antibody (Center) Blocking Peptide - Product Information**Primary Accession [Q7Z5R6](#)**APBB1IP Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 54518**Other Names**

Amyloid beta A4 precursor protein-binding family B member 1-interacting protein, APBB1-interacting protein 1, Proline-rich EVH1 ligand 1, PREL-1, Proline-rich protein 73, Rap1-GTP-interacting adapter molecule, RIAM, Retinoic acid-responsive proline-rich protein 1, RARP-1, APBB1IP, PREL1, RARP1, RIAM

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP6977c](/products/AP6977c) was selected from the Center region of human APBB1IP. 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.

**APBB1IP Antibody (Center) Blocking Peptide - Protein Information****Name** APBB1IP**Synonyms** PREL1, RARP1, RIAM**Function**

Appears to function in the signal transduction from Ras activation to actin cytoskeletal remodeling. Suppresses insulin-induced promoter activities through AP1 and SRE. Mediates Rap1-induced adhesion.

**Cellular Location**

Cell membrane; Peripheral membrane protein. Cell projection, lamellipodium Cell junction, focal adhesion. Cytoplasm, cytoskeleton. Note=Colocalizes with ENA/VASP proteins at lamellipodia tips

and focal adhesions, and F-actin at the leading edge. At the membrane surface, associates, via the PH domain, preferentially with the inositol phosphates, PtdIns(5)P and PtdIns(3)P. This binding appears to be necessary for the efficient interaction of the RA domain to Ras-GTPases (By similarity).

**Tissue Location**

Widely expressed with high expression in thymus, spleen, lymph node, bone marrow and peripheral leukocytes

**APBB1IP Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**APBB1IP Antibody (Center) Blocking Peptide - Images****APBB1IP Antibody (Center) Blocking Peptide - Background**

APBB1IP appears to function in the signal transduction from Ras activation to actin cytoskeletal remodeling, suppresses insulin-induced promoter activities through AP1 and SRE and mediates Rap1-induced adhesion.

**APBB1IP Antibody (Center) Blocking Peptide - References**

Morgan,A.R., et.al., Am. J. Med. Genet. B Neuropsychiatr. Genet. 144B (6), 762-770(2007)