

RHOJ Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP11763c**Specification**

RHOJ Antibody (Center) Blocking peptide - Product Information

Primary Accession [O9H4E5](#)
Other Accession [NP_065714.1](#)

RHOJ Antibody (Center) Blocking peptide - Additional Information

Gene ID 57381

Other Names

Rho-related GTP-binding protein Rhoj, Ras-like protein family member 7B, Tc10-like GTP-binding protein, RHOJ, ARHJ, RASL7B, RHOI, TCL

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.

RHOJ Antibody (Center) Blocking peptide - Protein Information

Name RHOJ

Function

Plasma membrane-associated small GTPase specifically involved in angiogenesis (PubMed:21628409, PubMed:24434213, PubMed:30158707). Required for endothelial cell migration during vascular development via its interaction with GLUL (PubMed:30158707). Elicits the formation of F-actin-rich structures, thereby regulating endothelial cell migration (PubMed:30158707).

Cellular Location

Cell membrane; Lipid-anchor; Cytoplasmic side Note=Localization to the plasma membrane is regulated by GLUL

Tissue Location

Specifically expressed in endothelial cells in different tissues, such as brain, heart, lung and liver

RHOJ Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

RHOJ Antibody (Center) Blocking peptide - Images

RHOJ Antibody (Center) Blocking peptide - Background

ARHJ belongs to the Rho family of small GTP-binding proteins. Rho proteins regulate the dynamic assembly of cytoskeletal components for several physiologic processes, such as cell proliferation and motility and the establishment of cell polarity. They are also involved in pathophysiologic processes, such as cell transformation and metastasis.

RHOJ Antibody (Center) Blocking peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) ; Lamesch, P., et al. Genomics 89(3):307-315(2007) Barrios-Rodiles, M., et al. Science 307(5715):1621-1625(2005) Nishikimi, A., et al. FEBS Lett. 579(5):1039-1046(2005) Ruusala, A., et al. FEBS Lett. 572 (1-3), 159-166 (2004) :