

RHPN2 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP19291c**Specification**

RHPN2 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [Q8IUC4](#)

RHPN2 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 85415

Other Names

Rhopilin-2, 76 kDa RhoB effector protein, GTP-Rho-binding protein 2, p76RBE, RHPN2

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.

RHPN2 Antibody (Center) Blocking Peptide - Protein Information

Name RHPN2

Function

Binds specifically to GTP-Rho. May function in a Rho pathway to limit stress fiber formation and/or increase the turnover of F-actin structures in the absence of high levels of RhoA activity.

Cellular Location

Cytoplasm, perinuclear region

Tissue Location

Widely expressed. Highly expressed in prostate, trachea, stomach, colon, thyroid and pancreas. Expressed at lower level in brain, spinal cord, kidney, placenta and liver

RHPN2 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

RHPN2 Antibody (Center) Blocking Peptide - Images

RHPN2 Antibody (Center) Blocking Peptide - Background

This gene encodes a member of the raphilin family of Ras-homologous (Rho)-GTPase binding proteins. The encoded protein binds both GTP- and GDP-bound RhoA and GTP-bound RhoB and may be involved in the organization of the actin cytoskeleton. [provided by RefSeq].

RHPN2 Antibody (Center) Blocking Peptide - References

Abuli, A., et al. Gastroenterology 139(3):788-796(2010) von Holst, S., et al. Br. J. Cancer 103(4):575-580(2010) Kupfer, S.S., et al. Gastroenterology (2010) In press :Xiong, F., et al. Cancer Epidemiol. Biomarkers Prev. 19(7):1855-1861(2010) Hawken, S.J., et al. Hum. Genet. 128(1):89-101(2010)