10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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
Rhophilin-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

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RHPN2 Antibody (Center) Blocking Peptide - Background

This gene encodes a member of the rhophilin family ofRas-homologous (Rho)-GTPase binding proteins. The encoded proteinbinds both GTP- and GDP-bound RhoA and GTP-bound RhoB and may beinvolved in the organization of the actin cytoskeleton. [providedby 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)