

ARHGAP8 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP12236a**Specification**

ARHGAP8 Antibody (N-term) Blocking peptide - Product Information

Primary Accession [P85298](#)

ARHGAP8 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 23779

Other Names

Rho GTPase-activating protein 8, Rho-type GTPase-activating protein 8, ARHGAP8

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.

ARHGAP8 Antibody (N-term) Blocking peptide - Protein Information

Name ARHGAP8

Function

GTPase activator for the Rho-type GTPases by converting them to an inactive GDP-bound state.

Tissue Location

Highly expressed in kidney and placenta. Also expressed in colon, skeletal muscle, small intestine, stomach, and testis. Not detected in brain, liver or spleen. Overexpressed in the majority of colorectal tumors examined.

ARHGAP8 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

ARHGAP8 Antibody (N-term) Blocking peptide - Images**ARHGAP8 Antibody (N-term) Blocking peptide - Background**

This gene encodes a member of the RHOGAP family. GAP(GTPase-activating) family proteins participate in signaling pathways that regulate cell processes involved in cytoskeletal changes. GAP proteins alternate between an active (GTP-bound) and inactive (GDP-bound) state based on the GTP:GDP ratio in the cell. This family member is a multidomain protein that functions to promote Erk activation and cell motility. Alternative splicing results in multiple transcript variants. Read-through transcripts from the upstream proline rich 5, renal (PRR5) gene into this gene also exist, which led to the original description of PRR5 and ARHGAP8 being a single gene.

ARHGAP8 Antibody (N-term) Blocking peptide - References

Pan, C.Q., et al. J. Cell. Sci. 123 (PT 6), 903-916 (2010) : Song, J.Y., et al. Int. J. Gynecol. Cancer 18(5):1051-1059(2008) Komor, M., et al. Stem Cells 23(8):1154-1169(2005) Lua, B.L., et al. J. Cell. Sci. 118 (PT 12), 2707-2721 (2005) : Lua, B.L., et al. Biochem. Soc. Trans. 32 (PT 6), 1110-1112 (2004) :