

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

Specification

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

Primary Accession

<u>P85298</u>

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.

<u>Blocking Peptides</u>

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 signalingpathways that regulate cell processes involved in cytoskeletalchanges. GAP proteins alternate between an active (GTP-bound) andinactive (GDP-bound) state based on the GTP:GDP ratio in the cell.This family member is a multidomain protein that functions topromote Erk activation and cell motility. Alternative splicingresults in multiple transcript variants. Read-through transcriptsfrom the upstream proline rich 5, renal (PRR5) gene into this genealso exist, which led to the original description of PRR5 andARHGAP8 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) :