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ARHGAP15 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP12251c

Specification

ARHGAP15 Antibody (Center) Blocking peptide - Product Information

Primary Accession Q53QZ3

ARHGAP15 Antibody (Center) Blocking peptide - Additional Information

Gene ID 55843

Other Names
Rho GTPase-activating protein 15, ArhGAP15, Rho-type GTPase-activating protein 15, ARHGAP15

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.

ARHGAP15 Antibody (Center) Blocking peptide - Protein Information

Name ARHGAP15

Function
GTPase activator for the Rho-type GTPases by converting them to an inactive GDP-bound state. Has activity toward RAC1. Overexpression results in an increase in actin stress fibers and cell contraction.

Cellular Location
Cytoplasm. Membrane; Peripheral membrane protein

Tissue Location
Expressed in lung, liver and lymphoid cells.

ARHGAP15 Antibody (Center) Blocking peptide - Protocols

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

- Blocking Peptides

ARHGAP15 Antibody (Center) Blocking peptide - Images

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ARHGAP15 Antibody (Center) Blocking peptide - Background

RHO GTPases (see ARHA; MIM 165390) regulate diversebiologic processes, and their activity is regulated by RHOGTPase-activating proteins (GAPs), such as ARHGAP15 (Seoh et al.,2003 [PubMed 12650940]).

ARHGAP15 Antibody (Center) Blocking peptide - References

Dick, D.M., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. (2010) In press :Rose, J. Phd, et al. Mol. Med. (2010) In press :Lowe, J.K., et al. PLoS Genet. 5 (2), E1000365 (2009) :Satoh, J., et al. Neuropathol. Appl. Neurobiol. 35(1):16-35(2009)Barrios-Rodiles, M., et al. Science 307(5715):1621-1625(2005)