

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

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**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**

**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) :Sato, J., et al. Neuropathol. Appl. Neurobiol. 35(1):16-35(2009)Barrios-Rodiles, M., et al. Science 307(5715):1621-1625(2005)