

**ARHGEF16 Blocking Peptide (N-term)**  
**Synthetic peptide**  
**Catalog # BP19783A****Specification**

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**ARHGEF16 Blocking Peptide (N-term) - Product Information**

Primary Accession [Q5VV41](#)  
Other Accession [NP\\_055263.2](#)

**ARHGEF16 Blocking Peptide (N-term) - Additional Information**

**Gene ID** 27237

**Other Names**

Rho guanine nucleotide exchange factor 16, Ephexin-4, ARHGEF16, EPHEXIN4, NBR

**Target/Specificity**

The synthetic peptide sequence is selected from aa 202-214 of HUMAN ARHGEF16

**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.

**ARHGEF16 Blocking Peptide (N-term) - Protein Information**

**Name** ARHGEF16

**Synonyms** EPHEXIN4, NBR

**Function**

Guanyl-nucleotide exchange factor of the RHOG GTPase stimulating the exchange of RHOG-associated GDP for GTP. May play a role in chemotactic cell migration by mediating the activation of RAC1 by EPHA2. May also activate CDC42 and mediate activation of CDC42 by the viral protein HPV16 E6.

**Cellular Location**

Cytoplasm.

**ARHGEF16 Blocking Peptide (N-term) - Protocols**

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

- [Blocking Peptides](#)

#### **ARHGEF16 Blocking Peptide (N-term) - Images**

#### **ARHGEF16 Blocking Peptide (N-term) - Background**

Although the specific function of this protein is not known yet, it is thought to be involved in protein-protein and protein-lipid interactions.

#### **ARHGEF16 Blocking Peptide (N-term) - References**

Hiramoto-Yamaki, N., et al. J. Cell Biol. 190(3):461-477(2010)  
Takefuji, M., et al. J. Hum. Genet. 55(1):42-49(2010)  
Barber, M.J., et al. PLoS ONE 5 (3), E9763 (2010) :  
Rabizadeh, S., et al. Cytokine Growth Factor Rev. 14 (3-4), 225-239 (2003) :  
Salehi, A.H., et al. J. Biol. Chem. 277(50):48043-48050(2002)