

**SH3RF2 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP18082c****Specification**

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**SH3RF2 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [Q8TEC5](#)**SH3RF2 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 153769**Other Names**

Putative E3 ubiquitin-protein ligase SH3RF2, 632-, Heart protein phosphatase 1-binding protein, HEPP1, Protein phosphatase 1 regulatory subunit 39, RING finger protein 158, SH3 domain-containing RING finger protein 2, SH3RF2, PPP1R39, RNF158

**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.

**SH3RF2 Antibody (Center) Blocking Peptide - Protein Information****Name** SH3RF2**Function**

Has E3 ubiquitin-protein ligase activity (PubMed:<a href="http://www.uniprot.org/citations/24130170" target="\_blank">24130170</a>). Acts as an anti-apoptotic regulator of the JNK pathway by ubiquitinating and promoting the degradation of SH3RF1, a scaffold protein that is required for pro-apoptotic JNK activation (PubMed:<a href="http://www.uniprot.org/citations/22128169" target="\_blank">22128169</a>). Facilitates TNF-alpha-mediated recruitment of adapter proteins TRADD and RIPK1 to TNFRSF1A and regulates PAK4 protein stability via inhibition of its ubiquitin-mediated proteasomal degradation (PubMed:<a href="http://www.uniprot.org/citations/24130170" target="\_blank">24130170</a>). Inhibits PPP1CA phosphatase activity (PubMed:<a href="http://www.uniprot.org/citations/19945436" target="\_blank">19945436</a>, PubMed:<a href="http://www.uniprot.org/citations/19389623" target="\_blank">19389623</a>).

**Cellular Location**

Nucleus.

**Tissue Location**

Heart (at protein level). Up-regulated in colon cancer tissues as compared to normal colon tissues (at protein level) Testis. In the heart, present in the apex, left atrium, right atrium, left ventricle and right ventricle, but not in the aorta

### **SH3RF2 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

### **SH3RF2 Antibody (Center) Blocking Peptide - Images**

### **SH3RF2 Antibody (Center) Blocking Peptide - Background**

SH3RF2 may be a E3 ubiquitin-protein ligase (Potential).

### **SH3RF2 Antibody (Center) Blocking Peptide - References**

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Chen, C.Y., et al. Biochem. Biophys. Res. Commun. 391(1):698-702(2010)Voss, M., et al. BMC Immunol. 10, 53 (2009) :