

**SH3BP2 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP16677c****Specification**

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**SH3BP2 Antibody (Center) Blocking Peptide - Product Information**

Primary Accession [P78314](#)

**SH3BP2 Antibody (Center) Blocking Peptide - Additional Information**

**Gene ID** 6452

**Other Names**

SH3 domain-binding protein 2, 3BP-2, SH3BP2, 3BP2

**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.

**SH3BP2 Antibody (Center) Blocking Peptide - Protein Information**

**Name** SH3BP2

**Synonyms** 3BP2

**Function**

Binds differentially to the SH3 domains of certain proteins of signal transduction pathways. Binds to phosphatidylinositols; linking the hemopoietic tyrosine kinase fes to the cytoplasmic membrane in a phosphorylation dependent mechanism.

**Tissue Location**

Expressed in a variety of tissues including lung, liver, skeletal muscle, kidney and pancreas

**SH3BP2 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**SH3BP2 Antibody (Center) Blocking Peptide - Images**

### **SH3BP2 Antibody (Center) Blocking Peptide - Background**

The protein encoded by this gene has an N-terminal pleckstrin homology (PH) domain, an SH3-binding proline-rich region, and a C-terminal SH2 domain. The protein binds to the SH3 domains of several proteins including the ABL1 and SYK protein tyrosine kinases, and functions as a cytoplasmic adaptor protein to positively regulate transcriptional activity in T, natural killer (NK), and basophilic cells. Mutations in this gene result in cherubism. Multiple transcript variants encoding different isoforms have been found for this gene.

### **SH3BP2 Antibody (Center) Blocking Peptide - References**

Lietman, S.A., et al. J. Orthop. Res. 28(11):1425-1430(2010) Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Davila, S., et al. Genes Immun. 11(3):232-238(2010) Amaral, F.R., et al. J. Oral Pathol. Med. 39(3):269-274(2010) Shukla, U., et al. J. Biol. Chem. 284(49):33719-33728(2009)