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SH3BP2 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP16677c

Specification

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

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SH3BP2 Antibody (Center) Blocking Peptide - Background

The protein encoded by this gene has an N-terminalpleckstrin homology (PH) domain, an SH3-binding proline-richregion, and a C-terminal SH2 domain. The protein binds to the SH3domains of several proteins including the ABL1 and SYK proteintyrosine kinases , and functions as a cytoplasmic adaptor proteinto positively regulate transcriptional activity in T, naturalkiller (NK), and basophilic cells. Mutations in this gene result incherubism. Multiple transcript variants encoding different isoformshave 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)