

HUMAN-SHB(Y268) Blocking Peptide
Synthetic peptide
Catalog # BP20620a**Specification**

HUMAN-SHB(Y268) Blocking Peptide - Product InformationPrimary Accession [Q15464](#)**HUMAN-SHB(Y268) Blocking Peptide - Additional Information****Gene ID** 6461**Other Names**

SH2 domain-containing adapter protein B, SHB

Target/Specificity

The synthetic peptide sequence is selected from aa 250-280 of HUMAN SHB

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.

HUMAN-SHB(Y268) Blocking Peptide - Protein Information**Name** SHB**Function**

Adapter protein which regulates several signal transduction cascades by linking activated receptors to downstream signaling components. May play a role in angiogenesis by regulating FGFR1, VEGFR2 and PDGFR signaling. May also play a role in T-cell antigen receptor/TCR signaling, interleukin-2 signaling, apoptosis and neuronal cells differentiation by mediating basic-FGF and NGF-induced signaling cascades. May also regulate IRS1 and IRS2 signaling in insulin- producing cells.

Cellular Location

Cytoplasm. Cell membrane; Peripheral membrane protein; Cytoplasmic side. Note=Associates with membrane lipid rafts upon TCR stimulation

Tissue Location

Widely expressed..

HUMAN-SHB(Y268) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

HUMAN-SHB(Y268) Blocking Peptide - Images

HUMAN-SHB(Y268) Blocking Peptide - Background

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HUMAN-SHB(Y268) Blocking Peptide - References

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