

**Shb (phospho Tyr246) Polyclonal Antibody**  
Catalog # AP67177**Specification**

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**Shb (phospho Tyr246) Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q15464</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal

**Shb (phospho Tyr246) Polyclonal Antibody - Additional Information****Gene ID** 6461**Other Names**

SHB; SH2 domain-containing adapter protein B

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**Shb (phospho Tyr246) Polyclonal Antibody - 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**

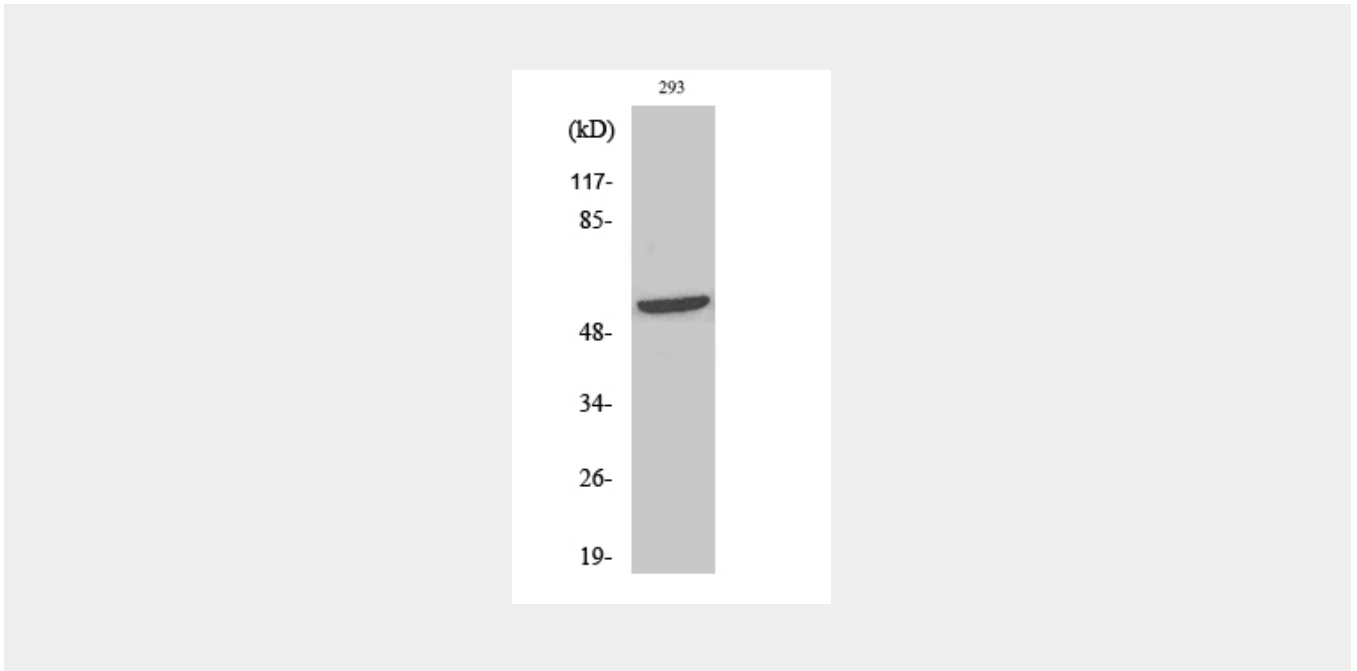
Widely expressed..

## Shb (phospho Tyr246) Polyclonal Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Shb (phospho Tyr246) Polyclonal Antibody - Images



## Shb (phospho Tyr246) Polyclonal Antibody - Background

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.