

Anti-Phospho-Shb (Tyr246) Antibody

Catalog Number: P02109

About SHB

Transcription factor involved in the regulation of the insulin signaling pathway. Binds to insulin-response elements (IREs) and can activate transcription of IGFBP1. Down-regulates expression of HIF1A and suppresses hypoxia-induced transcriptional activation of HIF1A-modulated genes. Also involved in negative regulation of the cell cycle.

Di Maira G, et al. (2005) Cell Death Differ; 12(6): 668-77.

Essers MA, et al. EMBO J 2004 Nov. 11.

Brownawell AM, (2001) Mol Cell Biol; 21(10): 3534-46.

Kops GJ, et al. (1999) Nature; 398(6728): 630-4.

Overview

Product Name	Anti-Phospho-Shb (Tyr246) Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-Phospho-Shb (Tyr246) Antibody (Catalog # P02109). Tested in WB, ELISA applications. This antibody reacts with Human, Mouse.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q15464

Technical Details

Immunogen	Synthesized peptide derived from human Shb around the phosphorylation site of Y246.
Predicted Reactive Species	Bovine, Chicken, Xenopus Laevis, Xenopus Tropicalis, Zebrafish
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

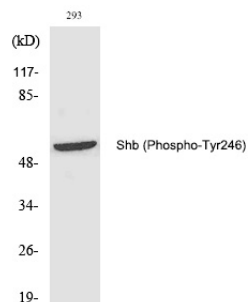
Boster Bio's internal QC testing used:

Western blotting: 1/500 - 1/2000

ELISA: 1/10000

Not yet tested in other applications.

Anti-Phospho-Shb (Tyr246) Antibody (P02109) Images



Western Blot analysis of 293 cells using Phospho-Shb (Y246)
Polyclonal antibody

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