

Anti-HSP90B (phospho-S254) HSP90AB1 Antibody

Catalog Number: A01692S254

About HSP90AB1

Regulates and initiates biosynthesis of N-acetylneuraminic acid (NeuAc), a precursor of sialic acids. Plays an essential role in early development By similarity. Required for normal sialylation in hematopoietic cells. Sialylation is implicated in cell adhesion, signal transduction, tumorigenicity and metastatic behavior of malignant cells.

Lucka L., FEBS Lett. 454:341-344(1999).

Seppala R., Am. J. Hum. Genet. 64:1563-1569(1999).

Huizing M., Submitted (OCT-2000) to the EMBL/GenBank/DDBJ databases.

Overview

Product Name	Anti-HSP90B (phospho-S254) HSP90AB1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-HSP90B (phospho-S254) HSP90AB1 Antibody catalog # A01692S254. Tested in WB,IHC,IF applications. This antibody reacts with Human,Mouse,Rat.
Application	IF, IHC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
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	P08238

Technical Details

Immunogen	Synthesized peptide derived from human HSP90beta around the phosphorylation site of S226.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml

Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>WB: 1:1000-1:5000</p> <p>IHC: 1:50-1:200</p> <p>IF: 1:50-1:200</p>

Anti-HSP90B (phospho-S254) HSP90AB1 Antibody (A01692S254) Images

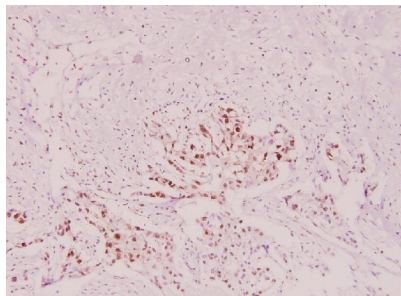


Figure 2. Immunohistochemistry validation of HSP90AB1 using Anti-HSP90B (phospho-S254) HSP90AB1 Antibody (A01692S254).

Immunohistochemistry (IHC) analyzes of HSP90B (phospho-S254) polyclonal antibody in paraffin-embedded human breast carcinoma tissue at 1:100.
For more protocol information of IHC

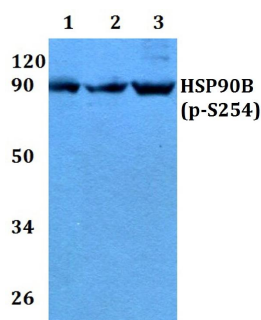


Figure 1. Western blotting validation for Anti-HSP90B (phospho-S254) HSP90AB1 Antibody A01692S254

Western blot (WB) analysis of HSP90B (phospho-S254) pAb at 1:5000 dilution

Lane1:MCF-7 whole cell lysate(40ug)

Lane2:The Testis tissue lysate of Mouse(40ug)

Lane3:The Testis tissue lysate of Rat(40ug)

Lane4:HEK293T whole cell lysate(40ug)

Lane5:Hela whole cell lysate(40ug)

Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

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