

Anti-Phospho-IRS-1 (S794) Antibody

Catalog Number: A00268S794-2

About IRS1

HDAC-1 antibody recognizes HDAC1 (also known as HD1, histone deacetylase 1, RPD3, RPD3L1) which belongs to the histone deacetylase/acuc/apha family and is a component of the histone deacetylase complex. Histone acetylation and deacetylation, catalyzed by multisubunit complexes, play a key role in the regulation of eukaryotic gene expression. It also interacts with retinoblastoma tumor-suppressor protein and this complex is a key element in the control of cell proliferation and differentiation. Together with metastasis-associated protein-2, it deacetylates p53 and modulates its effect on cell growth and apoptosis.

Overview

Product Name	Anti-Phospho-IRS-1 (S794) Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Phospho-IRS-1 (S794) Antibody catalog # A00268S794-2. Tested in ELISA, IF, IHC, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC, 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	P35568

Technical Details

Immunogen	Synthesized peptide derived from human IRS-1 around the phosphorylation site of S794.
Predicted Reactive Species	Canine, Monkey
Isotype	IgG
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:
WB 1:500-1:2000
IHC 1:100-1:300
IF 1:200-1:1000
ELISA 1:40000

Anti-Phospho-IRS-1 (S794) Antibody (A00268S794-2) Images

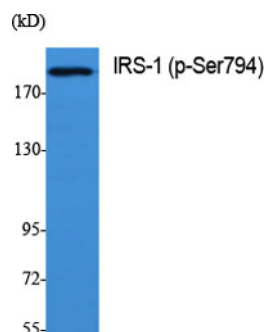


Figure 1. Western blotting validation for Anti-Phospho-IRS-1 (S794) Antibody A00268S794-2

Western Blot (WB) analysis of specific cells using Phospho-IRS-1 (S794) polyclonal antibody. Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

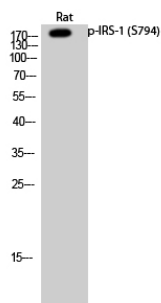


Figure 2. Western blotting validation for Anti-Phospho-IRS-1 (S794) Antibody A00268S794-2

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

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