

Anti-Lamin A/C (phospho-S22) LMNA Antibody

Catalog Number: A00438S22

About LMNA

This antibody is suitable for Cancer, Immunology and Nuclear Signaling research. Fibroblast Activation Protein (FAP) is expressed in the stroma of sites that are undergoing wound healing. In addition, it has recently been reported that FAP is expressed in the stroma of sites of metastatic disease. Inhibition of FAP may lead to a dramatic decrease in the number of metastatic osteosarcoma lung nodules. FAP exists as an inactive monomer and when activated forms homodimers or heterodimers with DPP4. Multiple isoforms of FAP are reported as alternative splicing products from a common gene.

Overview

Product Name	Anti-Lamin A/C (phospho-S22) LMNA Antibody
Reactive Species	Human, Rat
Description	Boster Bio Anti-Lamin A/C (phospho-S22) LMNA Antibody catalog # A00438S22. Tested in WB,IP applications. This antibody reacts with Human,Rat.
Application	IP, 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	P02545

Technical Details

Immunogen	Synthesized peptide derived from human IGFBP3 around the phosphorylation site of S183.
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 and the purity is > 95% (by SDS-PAGE).
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

IP: 1:50-1:100

Anti-Lamin A/C (phospho-S22) LMNA Antibody (A00438S22) Images

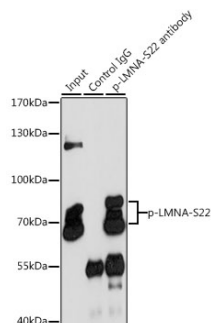


Figure 2. IP validation of LMNA using Anti-Lamin A/C (phospho-S22) LMNA Antibody (A00438S22).

Immunoprecipitation analysis of 200ug extracts of HeLa cells

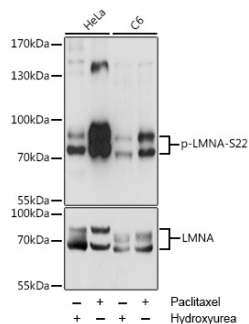


Figure 1. Western blotting validation for Anti-Lamin A/C (phospho-S22) LMNA Antibody A00438S22

Western blot (WB) analysis of Lamin A/C (phospho-S22) polyclonal antibody at 1:500 dilution
Lane1:A549 whole cell lysate(40ug)
Lane2:L02 whole cell lysate(40ug)
Lane3:MCF-7 whole cell lysate(40ug)
Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

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