BOSTER BIOLOGICAL TECHNOLOGY
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Anti-LIM and SH3 domain protein 1 LASP1 Antibody Picoband®

Catalog Number: PA1791

About LASP1

LASP1 (LIM and SH3 domain protein 1), also known as LASP1, is a protein that in humans is encoded by the LASP1 gene. This gene encodes a member of a LIM protein subfamily which is characterized by a LIM motif and a domain of Src homology region 3. This protein functions as an actin-binding protein and possibly in cytoskeletal organization. LASP1 has been shown to interact with Zyxin. Tomasetto et al. (1995) mapped the LASP1 gene to chromosome 17q11-q21.3 by radioactive in situ hybridization. Northern blot analysis revealed that LASP1 mRNA was expressed at a basal level in all normal tissues examined and overexpressed in 8% of primary breast cancers. In most of these cancers, LASP1 and ERBB2 were simultaneously overexpressed.

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Overview

Product Name	Anti-LIM and SH3 domain protein 1 LASP1 Antibody Picoband®
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-LIM and SH3 domain protein 1 LASP1 Antibody catalog # PA1791. Tested in IHC, ICC, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	IHC, ICC, WB
Clonality	Polyclonal
Formulation	Each vial contains antibody formulated with stabilizing components, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20˚C for one year from date of receipt. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q14847

BOSTER
antibody and ELISA experts

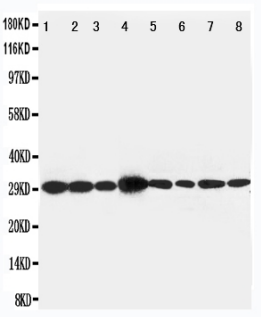
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Technical Details

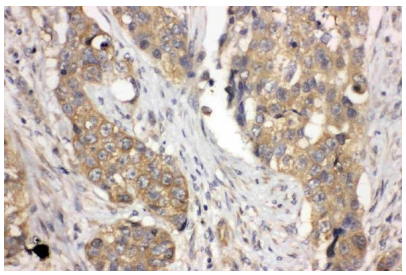
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human LASP1, identical to the related rat sequence and different from the related mouse sequence by one amino acid.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P) and ICC.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Immunocytochemistry , 0.5-1ug/ml, Human, Mouse, Rat Immunohistochemistry (Paraffin-embedded Section), 0.5-1ug/ml, Human, Mouse, Rat Western blot, 0.1-0.5ug/ml, Human, Mouse, Rat

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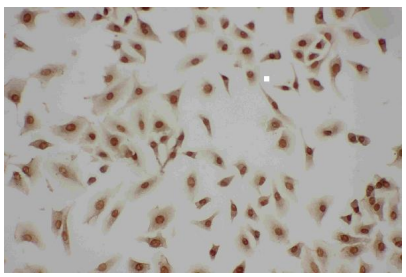
Anti-LIM and SH3 domain protein 1 LASP1 Antibody Picoband® (PA1791) Images



Anti-LASP1 antibody, PA1791, Western blottingLane 1: Rat Liver Tissue Lysate Lane 2: Rat Spleen Tissue Lysate Lane 3: Rat Intestine Tissue Lysate Lane 4: JURKAT Cell Lysate Lane 5: MCF-7 Cell Lysate Lane 6: A431 Cell Lysate Lane 7: HELA Cell Lysate Lane 8: 293T Cell Lysate



Anti-LASP1 antibody, PA1791, IHC(P)IHC(P): Human Lung Cancer Tissue



Anti-LASP1 antibody, PA1791, ICCICC: A549 Cell

1 Publications Citing This Product

1. PubMed ID: 32473899, Lu C,Fu L,Qian X,Dou L,Cang S.Knockdown of circular RNA circ-FARSA restricts colorectal cancer cell growth through regulation of miR-330-5p/LASP1 axis.Arch Biochem Biophys.2020 Aug 15;689:108434.doi:10.1016/j.abb.2020.108434.Epub 2020 May 29.PMID:32473899

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