

## Anti-LIM and SH3 domain protein 1 LASP1 Antibody Picoband®

Catalog Number: PA1791-1

### 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.

### Overview

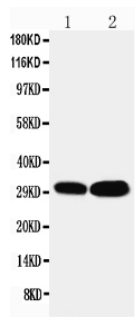
Product Name	Anti-LIM and SH3 domain protein 1 LASP1 Antibody Picoband®
Reactive Species	Human
Description	Boster Bio Anti-LIM and SH3 domain protein 1 LASP1 Antibody catalog # PA1791-1. Tested in IHC, WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody 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, WB
Clonality	Polyclonal
Formulation	Each vial contains antibody formulated with stabilizing components, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg Thimerosal, 0.05mg NaN <sub>3</sub> . *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

### Technical Details

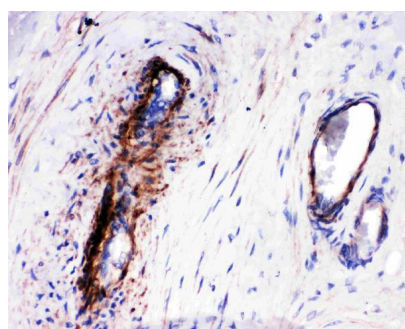
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human LASP1.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P).

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	Immunohistochemistry (Paraffin-embedded Section), 0.5-1ug/ml, Human Western blot, 0.1-0.5ug/ml, Human

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



Anti-LASP1 antibody, PA1791-1, Western blotting Lane 1:  
HELA Cell Lysate Lane 2: MCF-7 Cell Lysate



Anti-LASP1 antibody, PA1791-1, IHC(P)IHC(P): Human  
Placenta Tissue

### 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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