



LASP-1 Polyclonal Antibody

Catalog No	YP-Ab-04323
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC
Gene Name	LASP1
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human LASP1. AA range:51-100
Specificity	LASP-1 Polyclonal Antibody detects endogenous levels of LASP-1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000;IHC-p 1:50-300
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	MLN50;LIM and SH3 protein 1;LASP-1;LASP1;LIM and SH3 domain protein 1; Metastatic lymph node gene 50 protein;MLN 50
Observed Band	28kD
Calculated Molecular Weight	28kD
Cell Pathway	Cytoplasm, cell cortex . Cytoplasm, cytoskeleton . Associated with the F-actin rich cortical cytoskeleton. .
Tissue Specificity	Epithelium,Liver,Mammary carcinoma,Platelet,Skin,T-cell,
Function	function:Plays an important role in the regulation of dynamic actin-based, cytoskeletal activities. Agonist-dependent changes in LASP1 phosphorylation may also serve to regulate actin-associated ion transport activities, not only in the parietal cell but also in certain other F-actin-rich secretory epithelial cell types.,PTM:Phosphorylated.,similarity:Contains 1 LIM zinc-binding domain., similarity:Contains 1 SH3 domain.,similarity:Contains 2 nebulin repeats., subcellular location:Associated with the F-actin rich cortical cytoskeleton., subunit:Interacts with F-actin.,



Background

This gene encodes a member of a subfamily of LIM proteins, characterized by a LIM motif and a domain of Src homology region 3, and also a member of the nebulin family of actin-binding proteins. The encoded protein is a cAMP and cGMP dependent signaling protein and binds to the actin cytoskeleton at extensions of the cell membrane. The encoded protein has been linked to metastatic breast cancer, hematopoietic tumors such as B-cell lymphomas, and colorectal cancer. [provided by RefSeq, Oct 2012],

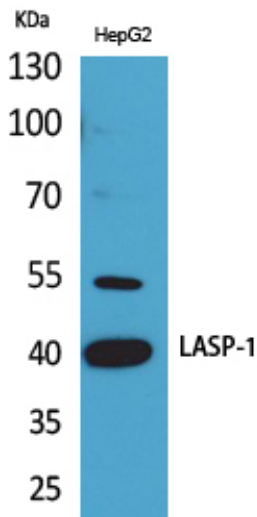
matters needing attention

Avoid repeated freezing and thawing!

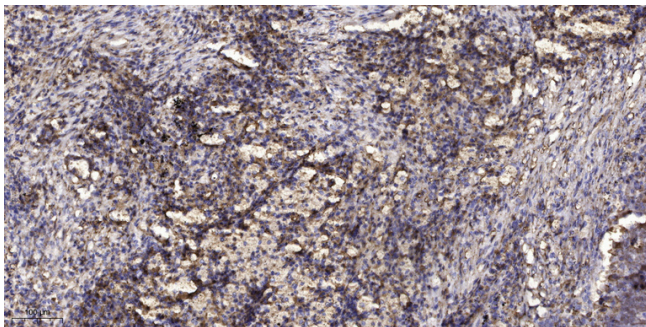
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of HepG2 cells using LASP-1 Polyclonal Antibody. Antibody was diluted at 1:500. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).