10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

LASP1 Rabbit pAb

Catalog # AP99793

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q14847
Other Accession	Q14847
Reactivity	Human
Predicted	Rat, Mouse, Rabbit, Chicken, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	29717
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human LASP1
Epitope Specificity	1-100/261
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 LIM zinc-binding domain. Contains 2 nebulin repeats. Contains 1 SH3 domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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, hematopoetic tumors such as B-cell lymphomas, and colorectal cancer. [provided by RefSeq, Oct 2012]

Additional Information

Gene ID	3927
Other Names	Lasp-1; MLN50; Def-4; MLN 50; SH3P6; Tg(Col1a1-lacZ)1Ngma; LASP1_HUMAN; LASP1; Metastatic lymph node gene 50 protein (MLN 50); LASP1_MOUSE; LASP1_RAT; LIM and SH3 protein 1
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	LASP1
Synonyms	MLN50
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 (By similarity).
Cellular Location	Cytoplasm, cell cortex. Cytoplasm, cytoskeleton. Note=Associated with the F-actin rich cortical cytoskeleton.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.