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Datasheet for ABIN2785890

anti-LASP1 antibody (Middle Region)

1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	LASP1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Cow, Horse, Rabbit, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LASP1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human LASP1
Sequence:	IKKTQDQISN IKYHEEFESK RMGPPSGGEGM EPERRDSQDG SSYRRPLEQQ
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against LASP1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	LASP1
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Target Details

Alternative Name: [LASP1 \(LASP1 Products\)](#)

Background: LASP1 is a member of a LIM protein subfamily characterized by a LIM motif and a domain of Src homology region 3. It functions as an actin-binding protein and possibly in cytoskeletal organization. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Alias Symbols: Lasp-1, MLN50

Protein Interaction Partner: ZBTB9, KRTAP4-2, RHOXF2, LZTS2, SEPT3, THAP1, ZC2HC1A, ARHGEF15, SPRY2, FXR2, TRIP13, TCF4, TRIM27, REL, PSMA3, GOLGA2, SUMO2, UBC, MDFI, CD81, Prkg1, Prkaca, DAZAP2, ATXN1, FN1, ACD, TINF2, POT1, TERF1, Fanccl, CDK7, FHL3, PRKG2, PLSCR1, ZYX, PRKAR2B, ACT

Protein Size: 261

Molecular Weight: 30 kDa

Gene ID: 3927

NCBI Accession: [NM_006148](#), [NP_006139](#)

UniProt: [Q14847](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 261 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

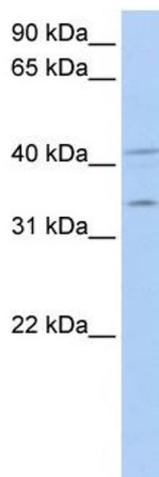
Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Suzuki, Yoshitomo-Nakagawa, Maruyama, Suyama, Sugano: "Construction and characterization of a full length-enriched and a 5'-end-enriched cDNA library." in: **Gene**, Vol. 200, Issue 1-2, pp. 149-56, (1997) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-LASP1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:2500 Positive Control: MCF7 cell lysate