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Datasheet for ABIN2789689

anti-LIMS1 antibody (Middle Region)

1 Image

Overview

Quantity:	100 µL
Target:	LIMS1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio), Goat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LIMS1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of Human LIMS1
Sequence:	HLCRPCHNRE KARGLGKYIC QKCHAIIDEQ PLIFKNDPYH PDHFNCANCG
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 93%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against LIMS1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	LIMS1
Alternative Name:	LIMS1 (LIMS1 Products)

Target Details

Background: The protein encoded by this gene is an adaptor protein which contains five LIM domains, or double zinc fingers. The protein is likely involved in integrin signaling through its LIM domain-mediated interaction with integrin-linked kinase, found in focal adhesion plaques. It is also thought to act as a bridge linking integrin-linked kinase to NCK adaptor protein 2, which is involved in growth factor receptor kinase signaling pathways. Its localization to the periphery of spreading cells also suggests that this protein may play a role in integrin-mediated cell adhesion or spreading. Several transcript variants encoding different isoforms have been found for this gene.

Alias Symbols: PINCH, PINCH1

Protein Interaction Partner: RSU1, UBC, SUMO1, NEDD8, ILK, STUB1, MAPT, MBIP, Hoxa1, HNRNPU, STK11, PARVA, SMURF1, EHMT2, LPXN, NCK2, RBBP8, TMSB4X, TGFBR1, ACP6,
Protein Size: 387

Molecular Weight: 44 kDa

Gene ID: 3987

NCBI Accession: [NM_001193485](#), [NP_001180414](#)

UniProt: [B7Z7R3](#)

Application Details

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

Comment: Antigen size: 387 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 should be handled by trained staff only.

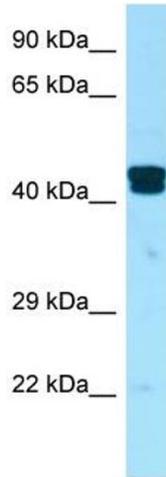
Handling Advice: Avoid repeated freeze-thaw cycles.

Handling

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.

Images



Western Blotting

Image 1. WB Suggested Anti-LIMS1 Antibody Titration: 1.0 ug/ml Positive Control: U937 Whole Cell