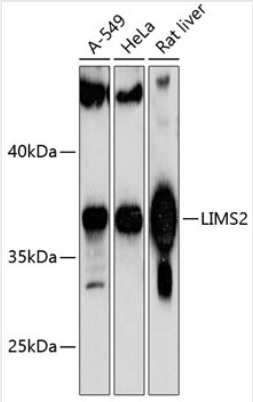
# LIMS2 Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | LIMS2, Polyclonal Antibody |
| **Full Product Name** | LIMS2 Polyclonal Antibody |
| **Product Gene Name** | anti-LIMS2 antibody |
| **Product Synonym Names** | LIMS2; LGMD2W; PINCH-2; PINCH2; LIM zinc finger domain containing 2 |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | Human, Rat |
| **Form/Format** | PBS with 50% glycerol, pH7.4 |
| **Purity/Purification** | Affinity purification |
| **Preparation and Storage** | Store at -20 degree C. Avoid freeze/thaw cycles. |
| **Molecular Weight** | 39kDa |
| **OMIM** | 607908 |
| **3D Structure** | ModBase 3D Structure for Q7Z4I7 |
| **Immunogen** | Recombinant fusion protein of human LIMS2 (NP_001154875.1). |
| **Conjugation** | Unconjugated |
| **Product Categories/Family for anti-LIMS2 antibody** | Total protein Ab |
| **Applications Tested/Suitable for anti-LIMS2 antibody** | Western Blot (WB) |
| **Application Notes for anti-LIMS2 antibody** | WB: 1:500-1:1000 |
| **Related Product Information for anti-LIMS2 antibody** | This gene encodes a member of a small family of focal adhesion proteins which interacts with ILK (integrin-linked kinase), a protein which effects protein-protein interactions with the extraceullar matrix. The encoded protein has five LIM domains, each domain forming two zinc fingers, which permit interactions which regulate cell shape and migration. A pseudogene of this gene is located on chromosome 4. Multiple transcript variants encoding different isoforms have been found for this gene. |
| **Other Notes** | Small volumes of anti-LIMS2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |
| **Searchable Terms for LIMS2 purchase** | MBS9431832 is an antibody targeting LIMS2. Also known as LIMS2 Polyclonal Antibody. Reactive in Human, Rat. Host: Rabbit. |




**Western Blot (WB) of anti-LIMS2 antibody**
Western blot analysis of extracts of various cell lines, using LIMS2 antibody.

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LIMS2. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 238776786 |
| **NCBI GeneID** | 55679 |
| **NCBI Accession #** | NP_001154875.1 |
| **UniProt Primary Accession #** | Q7Z4I7 |
| **UniProt Related Accession #** | Q7Z4I7 |
| **GenBank Nucleotide #** | NP_001154875.1 |
| **NCBI Official Full Name** | LIM and senescent cell antigen-like-containing domain protein 2 isoform 3 |
| **NCBI Official Synonym Full Names** | LIM zinc finger domain containing 2 |
| **NCBI Official Symbol** | LIMS2 |
| **NCBI Official Synonym Symbols** | LGMD2W; PINCH2; MDRCMTT; PINCH-2 |
| **UniProt Protein Name** | LIM and senescent cell antigen-like-containing domain protein 2 |
| **UniProt Synonym Protein Names** | LIM-like protein 2; Particularly interesting new Cys-His protein 2; PINCH-2 |
| **Protein Family** | LIM and senescent cell antigen-like-containing domain protein |
| **UniProt Gene Name** | LIMS2 |
| **UniProt Synonym Gene Names** | PINCH2; PINCH-2 |
| **UniProt Entry Name** | LIMS2_HUMAN |
| **NCBI Protein Information** | LIM and senescent cell antigen-like-containing domain protein 2 |
| **UniProt Comments for LIMS2** | LIMS2: Competes with LIMS1 for binding to ILK. Plays a role in modulating cell spreading and migration. 3 isoforms of the human protein are produced by alternative splicing.<br><br>Chromosomal Location of Human Ortholog: 2q14.3<br><br>Cellular Component: focal adhesion; plasma membrane; nucleus; cytosol<br><br>Molecular Function: zinc ion binding<br><br>Biological Process: intercellular junction assembly and maintenance; cell-cell adhesion; negative regulation of apoptosis |

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| **Research Articles on LIMS2** | **1.** Mammalian cells have two functional PINCH proteins, PINCH1 and PINCH2. PINCH not only binds to Nck2 and engages in the signaling of growth factor receptors, but also forms a ternary complex with ILK and parvin (IPP complex). |
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