10320 Camino Santa Fe, Suite G
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KD-Validated Anti-LPP Rabbit Monoclonal Antibody

Rabbit monoclonal antibody
Catalog # AGI1581

Specification

KD-Validated Anti-LPP Rabbit Monoclonal Antibody - Product Information

Application	**WB, FC, ICC**
Primary Accession	Q93052
Reactivity	**Rat, Human, Mouse**
Clonality	**Monoclonal**
Isotype	**Rabbit IgG**
Calculated MW	**Predicted, 66 kDa , observed , 70 kDa KDa**
Gene Name	**LPP**
Aliases	**LIM Domain Containing Preferred Translocation Partner In Lipoma; LIM Domain-Containing Preferred Translocation Partner In Lipoma; Lipoma-Preferred Partner; Lipoma Preferred Partner Gene; Lipoma Preferred Partner; LIM Protein**
Immunogen	**A synthesized peptide derived from human LPP**

KD-Validated Anti-LPP Rabbit Monoclonal Antibody - Additional Information

Gene ID	**4026**

Other Names
Lipoma-preferred partner, LIM domain-containing preferred translocation partner in lipoma, LPP

KD-Validated Anti-LPP Rabbit Monoclonal Antibody - Protein Information

Name LPP

Function
May play a structural role at sites of cell adhesion in maintaining cell shape and motility. In addition to these structural functions, it may also be implicated in signaling events and activation of gene transcription. May be involved in signal transduction from cell adhesion sites to the nucleus allowing successful integration of signals arising from soluble factors and cell-cell adhesion sites. Also suggested to serve as a scaffold protein upon which distinct protein complexes are assembled in the cytoplasm and in the nucleus.

Cellular Location
Nucleus. Cytoplasm. Cell junction. Cell membrane. Note=Found in the nucleus, in the cytoplasm and at cell adhesion sites Shuttles between the cytoplasm and the nucleus. It has been found in sites of cell adhesion such as cell-to-cell contact and focal adhesion which are membrane attachment sites of cells to the extracellular matrix. Mainly nuclear when fused with HMGA2/HMGIC and KMT2A/MLL1

Tissue Location

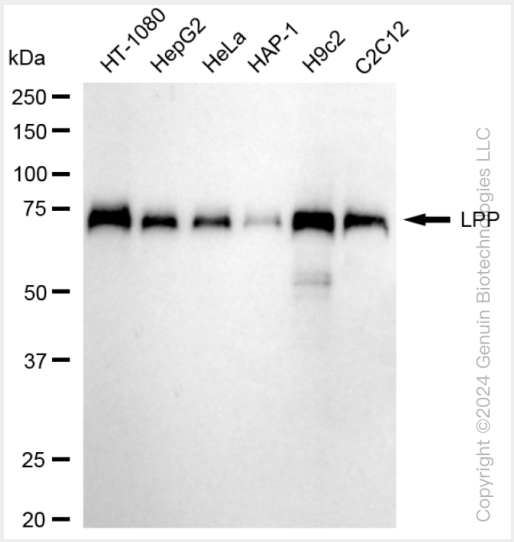
Expressed in a wide variety of tissues but no or very low expression in brain and peripheral leukocytes

KD-Validated Anti-LPP Rabbit Monoclonal Antibody - Protocols

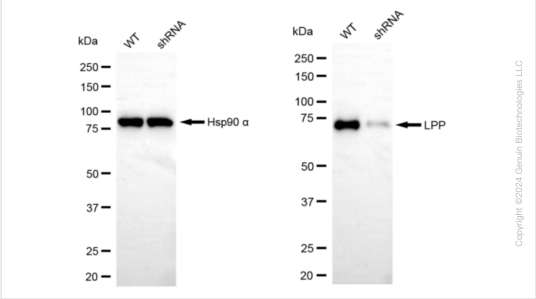
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

KD-Validated Anti-LPP Rabbit Monoclonal Antibody - Images



Western blotting analysis using anti-LPP antibody (Cat#AGI1581). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-LPP antibody (Cat#AGI1581, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-LPP antibody (Cat#AGI1581). LPP expression in wild type (WT) and LPP shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-LPP antibody (Cat#AGI1581, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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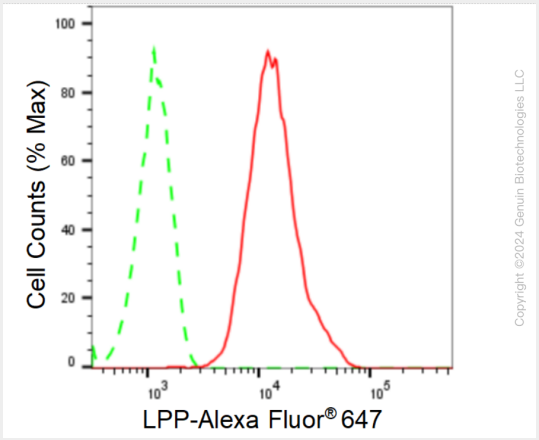
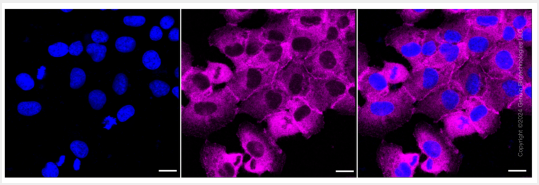


Flow cytometric analysis of LPP expression in HT-1080 cells using anti-LPP antibody (Cat#AGI1581, 1:2,000). Green, isotype control; red, LPP.



Immunocytochemical staining of HT-1080 cells with anti-LPP antibody (Cat#AGI1581, 1:1,000). Nuclei were stained blue with DAPI; LPP was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.