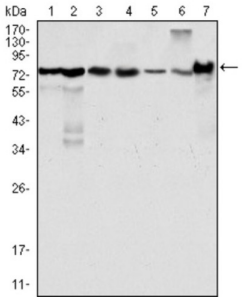
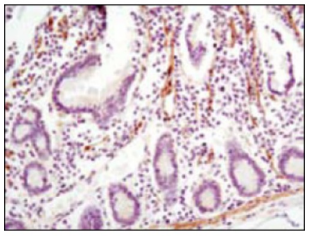
# Lipoma-Preferred Partner Homolog (LPP) Antibody

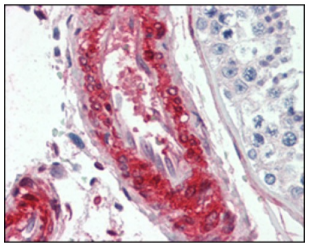
Catalogue No.:abx011090



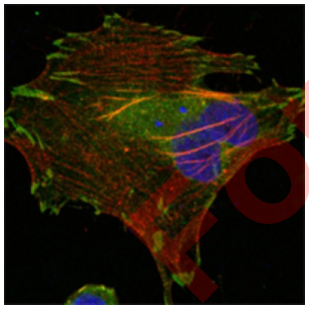

Western blot analysis using LPP antibody against Hela (1), NIH/3T3 (2), COS (3), Caki (4), MCF-7 (5), HepG2 (6) and SMMC-7721 (7) cell lysate.



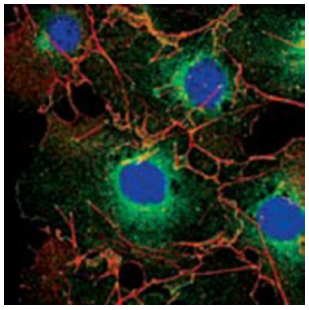
Immunohistochemical analysis of paraffin-embedded human small intestine using LPP antibody with DAB staining.



Immunohistochemical analysis of paraffin-embedded human vessels tissues using LPP antibody.



Confocal immunofluorescence analysis of COS cells using LPP antibody (green). Red: Actin filaments have been labeled using DY-554 phalloidin. Blue: DRAQ5 fluorescent DNA dye.



Confocal immunofluorescence analysis of Hela cells using LPP antibody (green). Red: Actin filaments have been labeled using DY-554 phalloidin. Blue: DRAQ5 fluorescent DNA dye.

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LIM domain containing preferred translocation partner in lipoma. The Zyxin family of proteins contains five members, Ajuba, LIMD1, LPP,TRIP6 and Zyxin. LPP (LIM-containing lipoma-preferred partner), a LIM domain-containing scaffolding protein contains three LIM domains at its carboxy terminus, which are preceded by a proline-rich pre-LIM region containing a number of protein interaction domains. LPP, an 80 kDa protein, localizes to sites of cell adhesion, such as focal adhesions and cell-cell contacts,and shuttles to the nucleus where it has transcriptional activation capacity.The human LPP gene maps to chromosomal location 3q28, and preferentially translocates to the HMGIC gene in a subclass of human benign mesenchymal tumors known as lipomas.

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|---|---|
| **Target:** | Lipoma-Preferred Partner Homolog (LPP) |
| **Clonality:** | Monoclonal |
| **Reactivity:** | Human, Mouse, Monkey, Hamster |
| **Tested Applications:** | ELISA, WB, IHC, IF/ICC |
| **Host:** | Mouse |
| **Recommended dilutions:** | ELISA: 1/10000, WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000, IF/ICC: 1/200 - 1/1000. Optimal dilutions/concentrations should be determined by the end user. |
| **Conjugation:** | Unconjugated |
| **Immunogen:** | Purified recombinant fragment of human LPP expressed in E. coli. |
| **Isotype:** | $IgG_1$ |
| **Form:** | Liquid |
| **Purification:** | Unpurified ascites. |
| **Storage:** | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles. |
| **UniProt Primary AC:** | Q93052 (UniProt, ExPASy) |
| **GeneID:** | 4026 |
| **KEGG:** | hsa:4026 |
| **String:** | 9606.ENSP00000482472 |
| **Molecular Weight:** | 66 kDa |
| **Buffer:** | Ascitic fluid containing 0.03% sodium azide. |
| **Concentration:** | Not determined. |




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