

## Product datasheet for **AM06208SU-N**

### LPP Mouse Monoclonal Antibody [Clone ID: 8B3A11]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	8B3A11
Applications:	IF, IHC, WB
Recommended Dilution:	<b>ELISA:</b> 1/10000. <b>Western Blotting:</b> 1/500-1/2000. <b>Immunofluorescence:</b> 1/200-1/1000. <b>Immunohistochemistry on Paraffin Sections:</b> 1/200-1/1000.
Reactivity:	Hamster, Human, Monkey, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of Human LPP expressed in E. Coli.
Specificity:	Recognizes LIM Protein / LPP.
Formulation:	State: Ascites State: Ascitic fluid Preservative: 0.03% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	66 kDa
Gene Name:	LIM domain containing preferred translocation partner in lipoma
Database Link:	<a href="#">Entrez Gene 4026 Human Q93052</a>



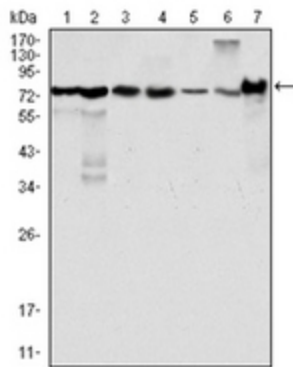
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**Background:**

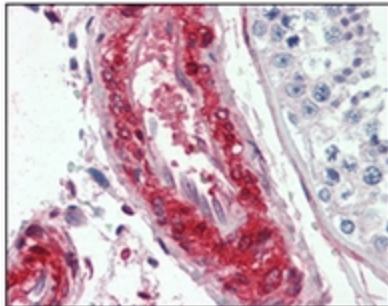
LIM domain containing preferred translocation partner in lipoma. The Zyxin family of proteins contains five members, Ajuba, LIMD1, LPP, TRIP6 and Zyxin. LPP (LIM-containing lipoma-preferred partner), a LIM domain-containing scaffolding protein contains three LIM domains at its carboxyterminus, which 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.

**Synonyms:**

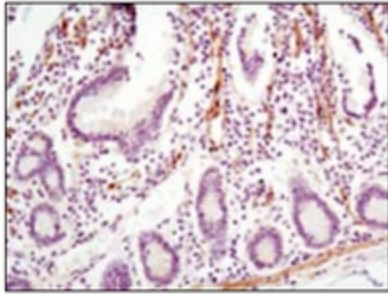
LPP, Lipoma-preferred partner

**Product images:**

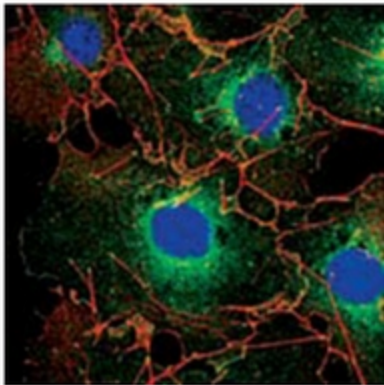
Western blot analysis using anti-LPP Monoclonal Antibody against HeLa (Lane 1), NIH/3T3 (Lane 2), COS (Lane 3), Caki (Lane 4), MCF-7 (Lane 5), HepG2 (Lane 6) and SMMC-7721 (Lane 7) cell lysate.



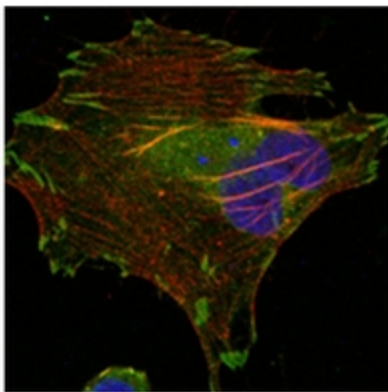
Immunohistochemical analysis of paraffin-embedded human vessels tissues using anti-LPP Monoclonal Antibody



Immunohistochemical analysis of paraffin-embedded human small intestine using anti-LPP Monoclonal Antibody with DAB staining.



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



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