

Product Datasheet

LPP (6F6) Mouse mAb

Catalog No: AB3429

Reactivity: Human, Mouse, Monkey, Hamster

Isotype: Mouse IgG1

Applications: WB, IHC, ICC/IF, IP



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Information

UniProt ID: Q93052

All Names: LPP

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 66kDa

Application

WB: 1/500-1/1000

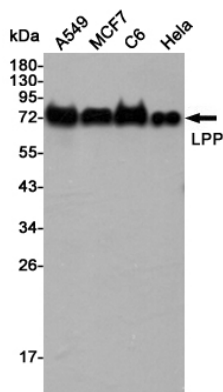
IHC: 1/50-1/100

ICC/IF: 1/50-1/200

IP: 1/20

Background

Swiss-Prot Acc.Q93052.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.



Western blot detection of LPP in A549, MCF7, C6 and HeLa cell lysates using LPP mouse mAb (1:5000 diluted). Predicted band size: 66KDa. Observed band size: 75KDa.

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