

LPP Recombinant Mouse mAb

Catalog # AP96435

Product Information

Application	WB
Predicted	Rat, Human, Mouse
Host	Mouse
Clonality	Recombinant
Physical State	Liquid
Isotype	IgG1, Kappa
Purity	affinity purified by Protein G
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the zyxin/ajuba family. Contains 3 LIM zinc-binding domains.
DISEASE	Note=A chromosomal aberration involving LPP is associated with a subclass of benign mesenchymal tumors known as lipomas. Translocation t(3;12)(q27-q28;q13-q15) with HMGA2 is shown in lipomas. Note=A chromosomal aberration involving LPP is associated with pulmonary chondroid hamartomas. Translocation t(3;12)(q27-q28;q14-q15) with HMGA2 is detected in pulmonary chondroid hamartomas. Note=A chromosomal aberration involving LPP is associated with parosteal lipomas. Translocation t(3;12)(q28;q14) with HMGA2 is also shown in one parosteal lipoma. Note=A chromosomal aberration involving LPP is associated with acute monoblastic leukemia. Translocation t(3;11)(q28;q23) with MLL is associated with acute monoblastic leukemia.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	LPP (LIM containing lipoma preferred partner), is a scaffolding protein which contains three LIM domains at its carboxy terminus, preceded by a proline rich pre LIM region containing a number of protein interaction domains. LPP localizes to sites of cell adhesion, such as focal adhesions and cell-cell contacts and may be involved in cell-cell adhesion and cell motility. LPP also shuttles through the nucleus and may function as a transcriptional co-activator. 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. Alternate splicing results in multiple transcript variants.

Additional Information

Other Names	9430020K16Rik; B130055L10Rik; D630048H16; LPP_HUMAN; LPP; LIM domain-containing preferred translocation partner in lipoma; LPP_MOUSE; LIM domain containing preferred translocation partner in lipoma; lipoma preferred partner gene
Dilution	WB=1:500-1000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When

reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Name

LPP Recombinant Mouse mAb

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.