

Datasheet for ABIN2745541  
**anti-LPP antibody (AA 1-109)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	50 µg
Target:	LPP
Binding Specificity:	AA 1-109
Reactivity:	Human, Rat, Pig
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Immunogen:	Recombinant human lipoma preferred partner (LPP) (aa 1-109).
Specificity:	Recognizes human, rat and pig LPP.
Cross-Reactivity:	Human, Pig (Porcine), Rat (Rattus)
Purification:	Antigen affinity purified.
Components:	Contains Positive Control: Human skin fibroblast protein, supplied at 1mg/ml in SDS (Laemmli) sample buffer. Use 25µl (25µg) per lane for Western blotting.

## Target Details

Target:	LPP
Alternative Name:	Lipoma Preferred Partner ( <a href="#">LPP Products</a> )
Background:	Lipoma preferred partner (LPP) is encoded by the preferred fusion partner gene of the high

## Target Details

mobility group protein HMGI-C. LPP is frequently affected by chromosomal translocations in a major group of soft tissue lipomas, as well as in a parosteal lipoma and in pulmonary chondroid hamartomas. The resulting fusion proteins comprise three DNA binding domains of HMGI-C fused to two or three C-terminal LIM domains of LPP and a reciprocal product, respectively. Expression of a HMGI-C/LPP fusion protein causes malignant transformation of fibroblasts. Similar to its relatives zyxin and TRIP (thyroid receptor interacting protein 6) / ZRP-1 (zyxin-related protein 1), LPP consists of a N-terminal proline-rich domain followed by three C-terminal LIM domains (double zinc finger structures that are involved in protein-protein interactions). Like the cytoskeletal protein zyxin, LPP localizes to focal adhesions and cell-cell adherens junctions. LPP harbors a nuclear export signal and displays transcriptional activation capacity.

UniProt: [Q93052](#)

## Application Details

Application Notes: Use 25 µL (25 µg) per lane for Western blotting.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

Buffer: In PBS containing 0.01 % sodium azide.

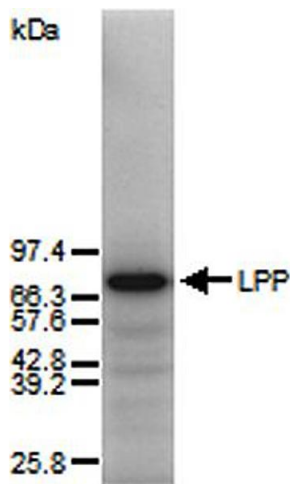
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

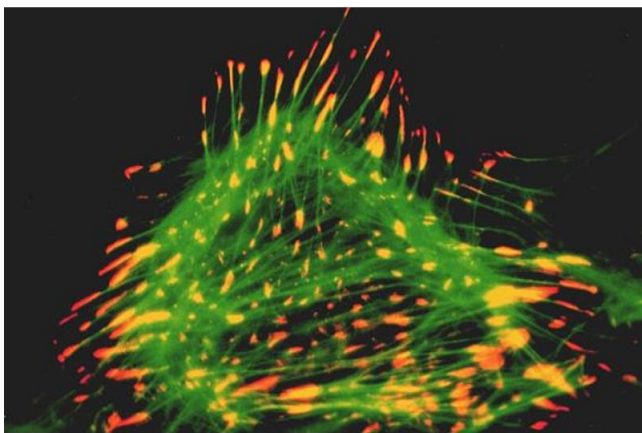
Storage Comment: Short Term Storage: +4°C  
Long Term Storage: -20°C  
Stable for at least 1 year after receipt when stored at -20°C.

Expiry Date: 12 months



#### Western Blotting

**Image 1.** Western blot of total human skin fibroblast proteins using anti-Lipoma Preferred Partner, pAb (IG-817). Total cell protein (25µg) was separated by SDS-PAGE and blotted onto nitrocellulose. The blot was incubated with 0.5µg/ml of anti-Lipoma Preferred Partner, pAb (IG-817) followed by 125 I-protein A.



#### Immunocytochemistry

**Image 2.** Immunocytochemical staining of a rat cardiac fibroblast using anti-Lipoma Preferred Partner, pAb (IG-817) (LPP; red fluorescence) and a green-fluorescent phalloidin derivative staining filamentous actin. LPP is a protein related to the cytoskeletal and focal adhesion protein zyxin.