

Rabbit LPP Polyclonal Antibody | anti-LPP antibody

Anti-LPP Antibody

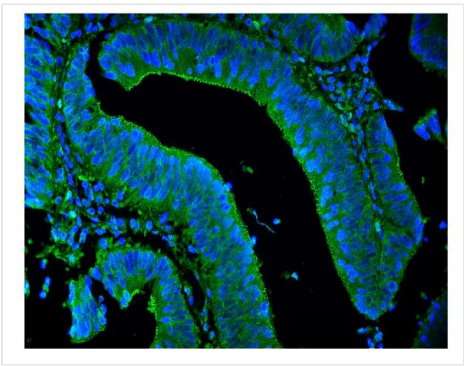
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA125597	Rabbit	Human, Mouse, Rat, Monkey	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

LPP; Polyclonal Antibody; Anti-LPP Antibody; Lipoma-preferred partner; LIM domain-containing preferred translocation partner in lipoma; LIM domain containing preferred translocation partner in lipoma; anti-LPP antibody

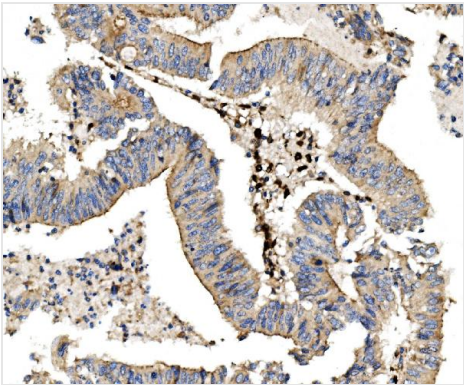
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Monkey
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Rabbit IgG polyclonal antibody for LPP detection.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized. Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.01mg NaN ₃ .
Applicable Applications for anti-LPP antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence of human LPP (KTCNSARIRVLTAKASTDL).
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Recommended Detection Systems	Recommended Detection Systems
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.



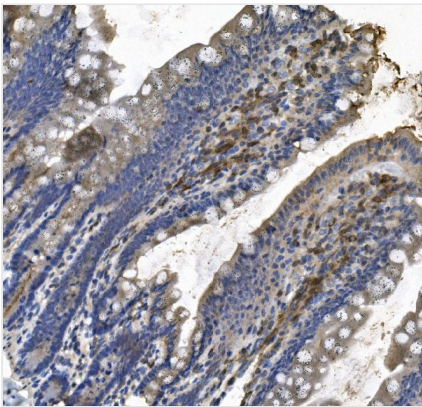
IF (Immunofluorescence)

Figure 5. IF analysis of LPP using anti- LPP antibody (AAA125597).LPP was detected in paraffin-embedded section of human intestinal cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH8. 0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 5μg/mL rabbit anti- LPP Antibody (AAA125597) overnight at 4 degree C. DyLight®488 Conjugated Goat Anti-Rabbit IgG was used as secondary antibody at 1:100 dilution and incubated for 30 minutes at 37 degree C. The section was counterstained with DAPI. Visualize using a fluorescence microscope and filter sets appropriate for the label used.



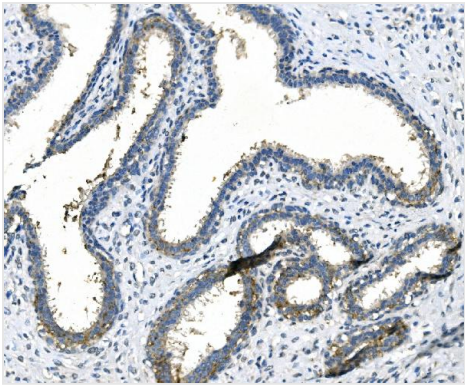
IHC (Immunohistochemisry)

Figure 3. IHC analysis of LPP using anti LPP antibody (AAA125597).LPP was detected in paraffin-embedded section of human rectal cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH8. 0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2μg/ml rabbit anti-LPP Antibody (AAA125597) overnight at 4 degree C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) with DAB as the chromogen.



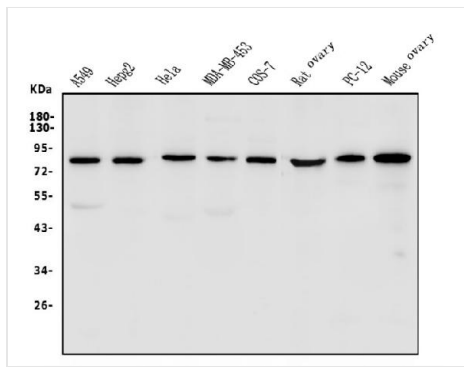
IHC (Immunohistochemistry)

Figure 4. IHC analysis of LPP using anti LPP antibody (AAA125597).LPP was detected in paraffin-embedded section of rat intestine tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH8. 0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2μg/ml rabbit anti-LPP Antibody (AAA125597) overnight at 4 degree C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) with DAB as the chromogen.



IHC (Immunohiostchemistry)

Figure 2. IHC analysis of LPP using anti LPP antibody (AAA125597).LPP was detected in paraffin-embedded section of human mammary cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH8. 0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2μg/ml rabbit anti-LPP Antibody (AAA125597) overnight at 4 degree C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) with DAB as the chromogen.



WB (Western Blot)

Figure 1. Western blot analysis of LPP using anti-LPP antibody (AAA125597). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 50ug of sample under reducing conditions. Lane 1: human A549 whole cell lysates; Lane 2: human HepG2 whole cell lysates; Lane 3: human HeLa whole cell lysates; Lane 4: human MDA-MB-453 whole cell lysates; Lane 5: monkey COS-7 whole cell lysates; Lane 6: rat ovary tissue lysates; Lane 7: rat PC-12 whole cell lysates; Lane 8: mouse ovary tissue lysates. After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA for 50-90 minutes. Blocked the membrane with 5% Non-fat Milk/ TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-LPP antigen affinity purified polyclonal antibody (Catalog # AAA125597) at 0.25 µg/mL overnight at 4 degree C, then washed with TBS-0.1% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for LPP at approximately 80KD. The expected band size for LPP is at 80KD.

ADDITIONAL INFORMATION

Related Product Information for anti-LPP antibody	LPP (Lim Domain-Containing Preferred Translocation Partner in Lipoma), is a protein that in humans is encoded by the LPP gene. Petit et al. (1996) commented that the LPP-encoded protein should be classified as a novel member of the group 3 proteins of the LIM protein gene family. By partial cDNA cloning, Petit et al. (1996) established features of the genetic organization of LPP. The gene was found to span a genomic region of over 400 kb. By FISH and Southern blot analyses, Daheron et al. (2001) identified a rearrangement in the mixed lineage leukemia gene due to a novel t(3;11)(q28;q23) translocation in a patient who developed acute myeloid leukemia of the M5 type 3 years after treatment for a follicular lymphoma.
References	- Daheron, L., Veinstein, A., Brizard, F., Drabkin, H., Lacotte, L., Guilhot, F., Larsen, C. J., Brizard, A., Roche, J. Human LPP gene is fused to MLL in a secondary acute leukemia with a t(3;11)(q28;q23). <i>Genes Chromosomes Cancer</i> 31: 382-389, 2001. - Petit, M. M. R., Mols, R., Schoenmakers, E. F. P. M., Mandahl, N., Van de Ven, W. J. M. LPP, the preferred fusion partner gene of HMGIC in lipomas, is a novel member of the LIM protein gene family. <i>Genomics</i> 36: 118-129, 1996.

NCBI AND UNIPROT INFORMATION

NCBI GI #	74751663
NCBI GeneID	4026
UniProt Accession #	Q93052; Q8NFX5; A1L4L6; D3DNV6
Molecular Weight	65,746 Da
NCBI Official Full Name	Lipoma-preferred partner
NCBI Official Synonym Full Names	LIM domain containing preferred translocation partner in lipoma
NCBI Official Symbol	LPP
NCBI Protein Information	lipoma-preferred partner; LIM protein
UniProt Protein Name	Lipoma-preferred partner

UniProt Gene Name	LPP
UniProt Entry Name	LPP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/lpp-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/125597>