

Rabbit anti-Human, Mouse RPLP0 Polyclonal Antibody | anti-RPLP0 antibody

RPLP0 Polyclonal Antibody

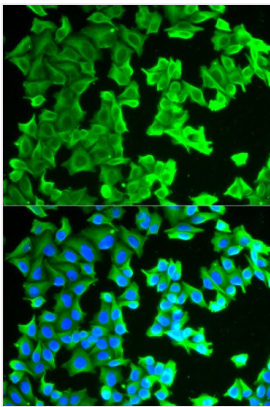
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281129	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

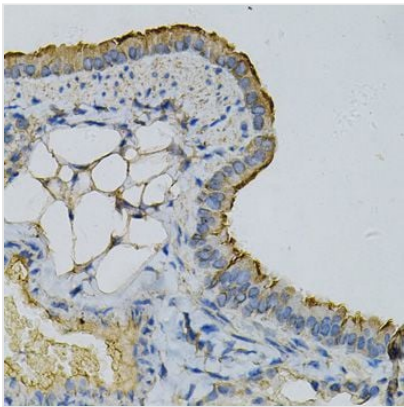
RPLP0; Polyclonal Antibody; RPLP0 Polyclonal Antibody; L10E; LP0; P0; PRLP0; RPP0; anti-RPLP0 antibody

PRODUCT SPECIFICATIONS

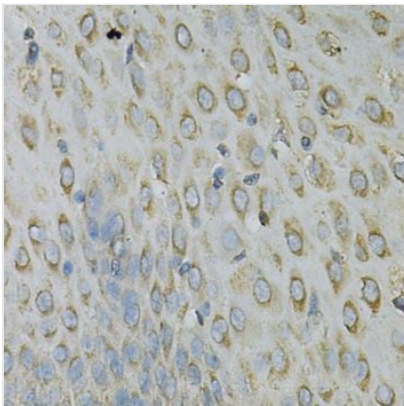
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	MPREDRATWK SNYFLKIIQL LDDYPKCFIV GADNVGSKQM QQIRMSLRGK AVVLMGKNTM MRKAIRGHLE NNPALEKLLP HIRGNVGFVF TKEDLTEIRD MLLANKVPAA ARAGAIAPCE VTVPAQNTGL GPEKTSFFQA LGITTKISRG TIEILSDVQL IKTGDKVGAS EATLLNMLNI SPFSFGLVIQ QVFDNGSIYN PEVLDITEET LHSRFLEGVR NVASVCLQIG YPTVASVPHS IINGYKRVLA LSVET
Sequence Length	317
Applicable Applications for anti-RPLP0 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human RPLP0
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Cytoplasm, Nucleus
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.



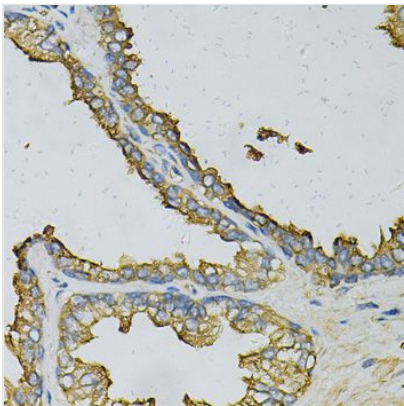
IF (Immunofluorescence)
Immunofluorescence analysis of HeLa cells using RPLP0 antibody. Blue: DAPI for nuclear staining.



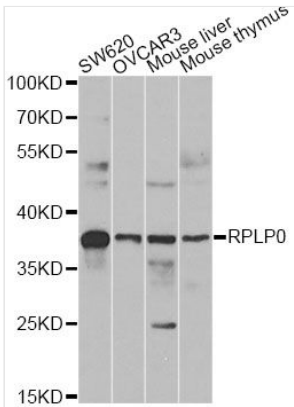
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded mouse lung using RPLP0 Antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human esophagus using RPLP0 Antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human prostate using RPLP0 Antibody at dilution of 1:100 (40x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using RPLP0 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-RPLP0 antibody	Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 60S subunit. The protein, which is the functional equivalent of the E. coli L10 ribosomal protein, belongs to the L10P family of ribosomal proteins. It is a neutral phosphoprotein with a C-terminal end that is nearly identical to the C-terminal ends of the acidic ribosomal phosphoproteins P1 and P2. The P0 protein can interact with P1 and P2 to form a pentameric complex consisting of P1 and P2 dimers, and a P0 monomer. The protein is located in the cytoplasm. Transcript variants derived from alternative splicing exist; they encode the same protein. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.
Product Categories/Family for anti-RPLP0 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506667
NCBI GeneID	6175
NCBI Accession #	NP_000993.1
NCBI GenBank Nucleotide #	NM_001002.3
UniProt Accession #	P05388; Q3B7A4; Q9BVK4
Molecular Weight	Calculated: 27kDa; 34kDa Observed: 37kDa
NCBI Official Full Name	60S acidic ribosomal protein P0
NCBI Official Synonym Full Names	ribosomal protein lateral stalk subunit P0
NCBI Official Symbol	RPLP0
NCBI Official Synonym Symbols	P0; LP0; L10E; RPP0; PRLP0
NCBI Protein Information	60S acidic ribosomal protein P0
UniProt Protein Name	60S acidic ribosomal protein P0
UniProt Gene Name	RPLP0

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rplp0-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/281129>