

Rabbit anti-Human LPAP Polyclonal Antibody | anti-LPAP antibody

Rabbit anti-LPAP Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212705	Rabbit	Human	Immunoprecipitation, Western Blot

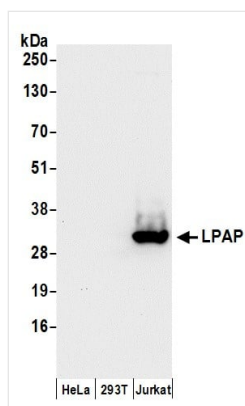
PRODUCT SYNONYMS

LPAP; Polyclonal Antibody; Rabbit anti-LPAP Antibody; Affinity Purified; lymphocyte phosphatase-associated phosphoprotein; PTPRC-associated protein; protein tyrosine phosphatase; receptor type; c polypeptide-associated protein; protein tyrosine phosphatase receptor type C-associated protein; CD45-associated protein; CD45 associated protein; CD45-AP; Protein tyrosine phosphatase receptor type C-associated protein; receptor type C associated protein; anti-LPAP antibody

PRODUCT SPECIFICATIONS

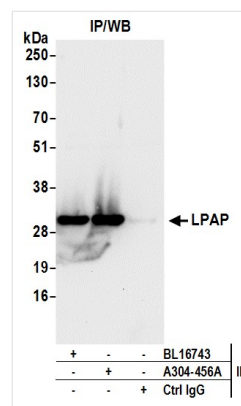
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-LPAP antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 156 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human LPAP by western blot. Samples: Whole cell lysate (50 ug) prepared using NETN buffer from HeLa, HEK293T, and Jurkat cells. Antibodies: Affinity purified rabbit anti-LPAP antibody AAA212705 (lot AAA212705-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human LPAP by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) prepared using NETN buffer from Jurkat cells. Antibodies: Affinity purified rabbit anti-LPAP antibody AAA212705 (lot AAA212705-1) used for IP at 6 ug per reaction. LPAP was also immunoprecipitated by rabbit anti-LPAP antibody BL16743. For blotting immunoprecipitated LPAP, AAA212705 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-LPAP antibody	Lymphocyte phosphatase-associated phosphoprotein (LPAP) was identified as a transmembrane phosphoprotein specifically associated with tyrosine phosphatase PTPRC/CD45, a key regulator of T- and B-lymphocyte activation. The interaction with PTPRC may be required for the stable expression of this protein [taken from NCBI Entrez Gene (Gene ID: 5790)].
Product Categories/Family for anti-LPAP antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	5032005
NCBI GeneID	5790
NCBI Accession #	NP_005599.1
NCBI GenBank Nucleotide #	NM_005608.2
UniProt Accession #	Q14761; O00643; Q6I9S6; B2R512
Molecular Weight	21,196 Da
NCBI Official Full Name	protein tyrosine phosphatase receptor type C-associated protein
NCBI Official Synonym Full Names	protein tyrosine phosphatase, receptor type, C-associated protein
NCBI Official Symbol	PTPRCAP
NCBI Official Synonym Symbols	LPAP; CD45-AP
NCBI Protein Information	protein tyrosine phosphatase receptor type C-associated protein; CD45 associated protein; CD45-associated protein; PTPRC-associated protein; lymphocyte phosphatase-associated phosphoprotein; protein tyrosine phosphatase, receptor type, c polypeptide-assoc
UniProt Protein Name	Protein tyrosine phosphatase receptor type C-associated protein
UniProt Gene Name	PTPRCAP
UniProt Synonym Gene Names	LPAP; PTPRC-associated protein; CD45-AP
UniProt Entry Name	PTCA_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.