

Rabbit PPL Polyclonal Antibody | anti-PPL antibody

PPL Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA37651	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

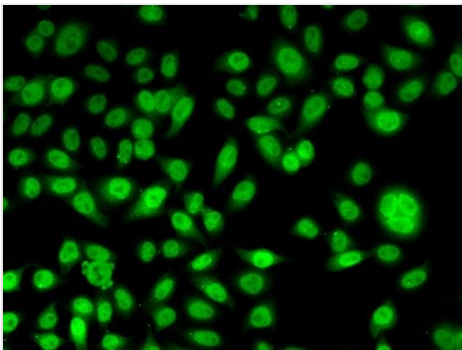
PRODUCT SYNONYMS

PPL; Polyclonal Antibody; PPL Polyclonal Antibody; anti-PPL antibody

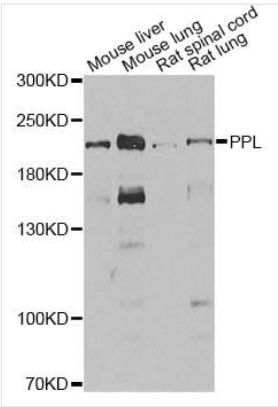
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	1756
Applicable Applications for anti-PPL antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human PPL
Calculated Molecular Weight	205kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of U2OS cells using PPL antibody.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using PPL 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 Enhanced Kit. Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-PPL antibody	The protein encoded by this gene is a component of desmosomes and of the epidermal cornified envelope in keratinocytes. The N-terminal domain of this protein interacts with the plasma membrane and its C-terminus interacts with intermediate filaments. Through its rod domain, this protein forms complexes with envoplakin. This protein may serve as a link between the cornified envelope and desmosomes as well as intermediate filaments. AKT1/PKB, a protein kinase mediating a variety of cell growth and survival signaling processes, is reported to interact with this protein, suggesting a possible role for this protein as a localization signal in AKT1-mediated signaling.
Product Categories/Family for anti-PPL antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	317373534
NCBI GeneID	5493
UniProt Accession #	O60437; O60314; O60454; Q14C98
Molecular Weight	1756
NCBI Official Full Name	Periplakin
NCBI Official Synonym Full Names	periplakin
NCBI Official Symbol	PPL
NCBI Protein Information	periplakin; 190 kDa paraneoplastic pemphigus antigen; 195 kDa cornified envelope precursor protein
UniProt Protein Name	Periplakin
UniProt Gene Name	PPL
UniProt Synonym Gene Names	KIAA0568
UniProt Entry Name	PEPL_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.