

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

PPL Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288735	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

PPL; Polyclonal Antibody; PPL Antibody (C-term); Periplakin; 190 kDa paraneoplastic pemphigus antigen; 195 kDa cornified envelope precursor protein; KIAA0568; anti-PPL antibody

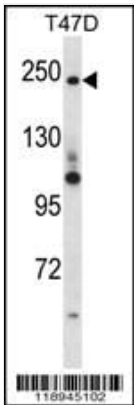
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PPL antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1301-1330 amino acids from the C-terminal region of human PPL.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.45 (varies by lot)
Sequence Positions	1301-1330
Sequence Length	1756
Applicable Applications for anti-PPL antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
PPL Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human skin tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of PPL Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
PPL Antibody (C-term) western blot analysis in T47D cell line lysates (35ug/lane).This demonstrates the PPL antibody detected the PPL protein (arrow).

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. [provided by RefSeq].
Product Categories/Family for anti-PPL antibody	Immunology; Signal Transduction
References	Pinheiro, A.P., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (5), 1070-1080 (2010) : Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Pyle, A.L., et al. Cardiovasc. Pathol. 19 (2), E13-E20 (2010) : Huang, Y., et al. Arch. Dermatol. Res. 301(10):703-709(2009) Boczonadi, V., et al. Exp. Cell Res. 313(16):3579-3591(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	45439327
NCBI GeneID	5493
NCBI Accession #	NP_002696.3
NCBI GenBank Nucleotide #	NM_002705.4
UniProt Accession #	O60437; O60314; O60454; Q14C98
Molecular Weight	204747
NCBI Official Full Name	periplakin
NCBI Official Synonym Full Names	periplakin
NCBI Official Symbol	PPL

NCBI Protein Information	periplakin
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ppl-antibody-immunohistochemistry-western-blot-elisa/288735>