

Rabbit Periplakin Polyclonal Antibody | anti-PPL antibody

Anti-Periplakin Antibody

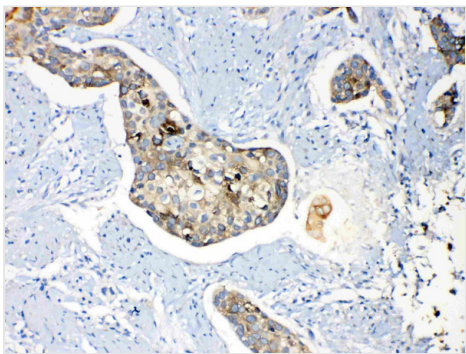
CATALOG # AAA11684	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

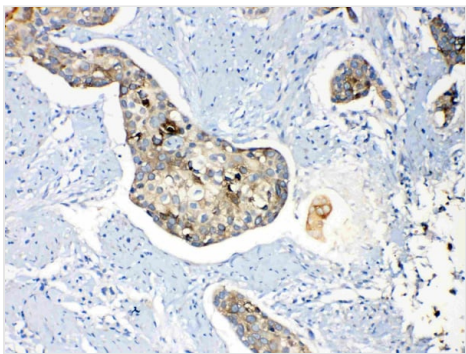
Periplakin; Polyclonal Antibody; Anti-Periplakin Antibody; ppl; O60437; anti-PPL antibody

PRODUCT SPECIFICATIONS

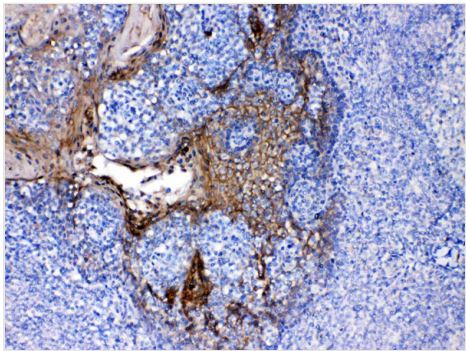
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	1756
Applicable Applications for anti-PPL antibody	WB (Western Blot), IHC (Immunohistochemistry)
Application Notes	Western Blot: 0.1-0.5ug/ml Immunohistochemistry(IHC) Paraffin: 0.5-1ug/ml
Notes	Tested Species: In-house tested species with positive results. By Heat: Boiling the paraffin sections in 10mM citrate buffer, pH6.0, for 20mins is required for the staining of formalin/paraffin sections. Other applications have not been tested.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Periplakin (1664-1701aa DTGRELSPEEAHRAGLIDWNMFVKLRSEQDWEEISVK), different from the related mouse sequence by one amino acid.
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.



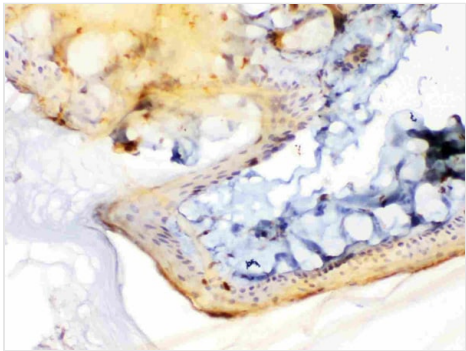
IHC (Immunohistochemistry)
Periplakin was detected in paraffin-embedded sections of human oesophagus squama cancer tissues using rabbit anti- Periplakin Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



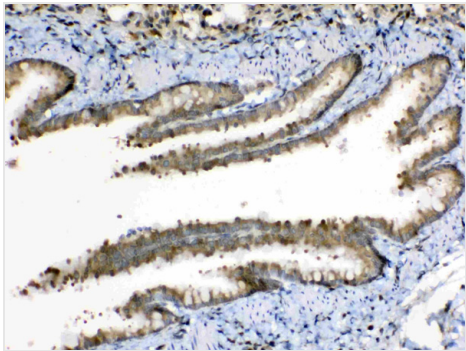
IHC (Immunohistochemistry)
Periplakin was detected in paraffin-embedded sections of human lung cancer tissues using rabbit anti- Periplakin Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



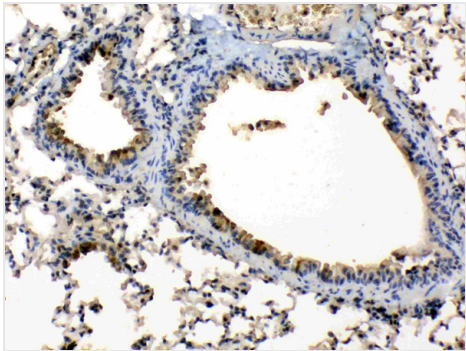
IHC (Immunohistochemistry)
Periplakin was detected in paraffin-embedded sections of human tonsil tissues using rabbit anti- Periplakin Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



IHC (Immunohistochemistry)
Periplakin was detected in paraffin-embedded sections of rat skin tissues using rabbit anti- Periplakin Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



IHC (Immunohistochemistry)
Periplakin was detected in paraffin-embedded sections of rat lung tissues using rabbit anti- Periplakin Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



IHC (Immunohistochemistry)
Periplakin was detected in paraffin-embedded sections of mouse lung tissues using rabbit anti- Periplakin Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.

ADDITIONAL INFORMATION

Related Product Information for anti-PPL antibody	Rabbit IgG polyclonal antibody for Periplakin(PPL) detection. Background: Periplakin is a protein that in humans is encoded by the PPL gene. 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.
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References	1. "Entrez Gene: PPL periplakin". 2. Aho S, McLean WH, Li K, Uitto J (Jun 1998). "cDNA cloning, mRNA expression, and chromosomal mapping of human and mouse periplakin genes". Genomics. 48 (2): 242-7. 3. Kazerounian, Shideh; Uitto Jouni; Aho Sirpa (Oct 2002). "Unique role for the periplakin tail in intermediate filament association: specific binding to keratin 8 and vimentin". Exp. Dermatol. Denmark. 11(5): 428-38.
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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	204,747 Da
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

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.