

## ARG58969 anti-Periplakin antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes Periplakin
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Periplakin
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-130 of Human Periplakin (NP_002696.3).
Conjugation	Un-conjugated
Alternate Names	190 kDa paraneoplastic pemphigus antigen; Periplakin; 195 kDa cornified envelope precursor protein

### Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:100
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse liver	
Observed Size	205 kDa	

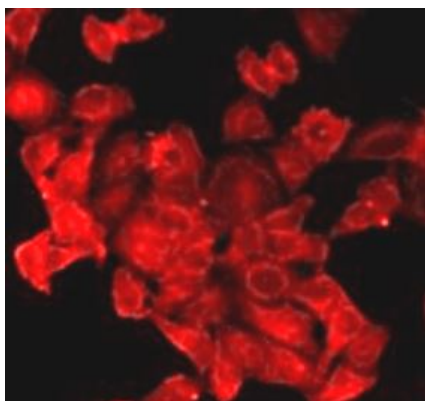
### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

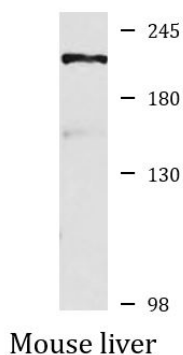
Gene Symbol	PPL
Gene Full Name	periplakin
Background	The protein encoded by this gene is a component of desmosomes and of the epidermal cornified envelope in keratinocytes. The N-terminal domain of this protein interacts with the plasma membrane and its C-terminus interacts with intermediate filaments. 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, Jul 2008]
Function	Component of the cornified envelope of keratinocytes. May link the cornified envelope to desmosomes and intermediate filaments. May act as a localization signal in PKB/AKT-mediated signaling. [UniProt]
Calculated Mw	205 kDa
Cellular Localization	Cell junction, desmosome, Cytoplasm, cytoskeleton, Cell membrane, Nucleus, Mitochondrion. [UniProt]

## Images



ARG58969 anti-Periplakin antibody ICC/IF image

Immunofluorescence: MCF7 cells stained with ARG58969 anti-Periplakin antibody.



ARG58969 anti-Periplakin antibody WB image

Western blot: 25 µg of Mouse liver lysate stained with ARG58969 anti-Periplakin antibody at 1:1000 dilution.