

Datasheet for ABIN5647242
anti-PPL antibody (AA 1664-1701)

6 Images

[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	PPL
Binding Specificity:	AA 1664-1701
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Amino acids 1664-1701 (DTGRELSPEEAHRAGLIDWNMFVKLRSEQCDWEEISVK) from the human protein were used as the immunogen for the Periplakin antibody.
Isotype:	IgG
Purification:	Antigen affinity purified

Target Details

Target:	PPL
Alternative Name:	Periplakin (PPL Products)
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

Target Details

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.

UniProt: [O60437](#)

Application Details

Application Notes: Optimal dilution of the Periplakin antibody should be determined by the researcher.\. WB: 0.5-1 µg/mL,IHC (FFPE): 1-2 µg/mL

Restrictions: For Research Use only

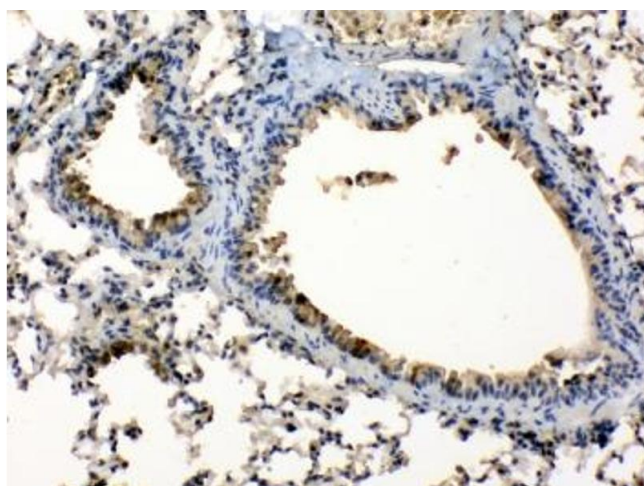
Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

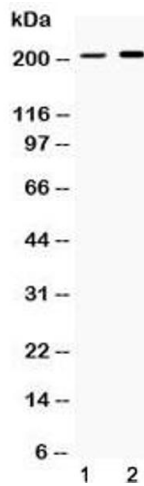
Storage Comment: After reconstitution, the Periplakin antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



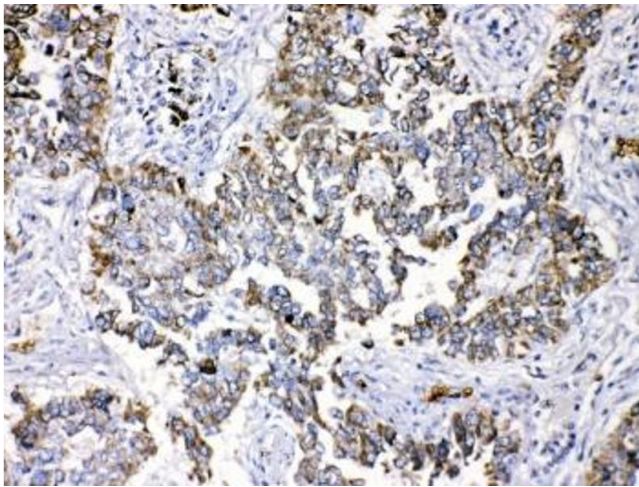
Immunohistochemistry

Image 1. IHC testing of FFPE mouse lung tissue with Periplakin antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.



Western Blotting

Image 2. Western blot testing of 1) rat stomach and 2) human HeLa lysate with Periplakin antibody at 0.5ug/ml. Predicted molecular weight ~205 kDa.



Immunohistochemistry

Image 3. IHC testing of FFEP human lung cancer tissue with Periplakin antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN5647242.