

Rabbit anti-Human PPHLN1 Polyclonal Antibody | anti-PPHLN1 antibody

Anti-PPHLN1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256531	Rabbit	Human	Immunoprecipitation, Immunofluorescence, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

PPHLN1; Polyclonal Antibody; Anti-PPHLN1 Antibody; Rabbit Polyclonal; PPHLN1 Antibody; Rabbit PAb; Antigen Affinity Purified; periphilin 1; Anti-HSPC206 Antibody; Anti-HSPC232 Antibody; anti-PPHLN1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human PPHLN1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-PPHLN1 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	E Coli-derived Human PPHLN1 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human PPHLN1 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

PPHLN1 was immunoprecipitated using: Lane A: 0.5 mg 293 Whole Cell Lysate 1 uL anti-PPHLN1 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-PPHLN1 rabbit polyclonal antibody, at 1:500 dilution. Secondary antibody: Clean-Blot IP Detection Reagent (HRP) at 1:1000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 53 kDa. Observed band size: 55 kDa.



IF (Immunofluorescence)

Immunofluorescence staining of PPHLN1 in A431 cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human PPHLN1 polyclonal antibody (dilution ratio 1:1000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor 488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to Nucleus.



WB (Western Blot)

Anti-PPHLN1 rabbit polyclonal antibody at 1:500 dilutionLane A: 293 Whole Cell LysateLane B: U-251 MG Whole Cell LysateLysates/proteins at 30 ug per lane.SecondaryGoat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.Developed using the ECL technique.Performed under reducing conditions.Predicted band size:53 kDaObserved band size:53 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PPHLN1 antibody	PPHLN1 (Periplilin 1) is a Protein Coding gene. The PPHLN1 gene, located on 12q12, is conserved in chimpanzee, Rhesus monkey, dog, mouse, rat, chicken, and frog. The protein encoded by this gene is one of the several proteins that become sequentially incorporated into the cornified cell envelope during the terminal differentiation of keratinocytes at the outer layers of the epidermis. This protein interacts with periplakin, which is known as a precursor of the cornified cell envelope. The cellular localization pattern and insolubility of this protein suggest that it may play a role in epithelial differentiation and contribute to epidermal integrity and barrier formation. Diseases associated with PPHLN1 include Ichthyosis and Fuchs' Endothelial Dystrophy.
References	Sia D, et al. (2015) Massive parallel sequencing uncovers actionable fgfr2-pphln1 fusion and araf mutations in intrahepatic cholangiocarcinoma. Nat Commun 6 6087.Mizrachi-Koren M, et al. (2005) Identification of a novel locus associated with congenital recessive ichthyosis on 12p11.2-q13. J Invest Dermatol 125 (3): 456-462.Chougui G, et al. (2018) Hiv-2/siv viral protein x counteracts hush repressor complex. Nat Microbiol 3 (8): 891-897.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/pphln1-antibody-immunoprecipitation-immunofluorescence-immunocytochemistry-western-blot-elisa/256531>