

Rabbit PERP Polyclonal Antibody | anti-PERP antibody

PERP Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329038	Rabbit	Human, Mouse Predicted Reactivity: Pig(100%), Horse(80%), Rabbit(100%), Dog(100%)	ELISA

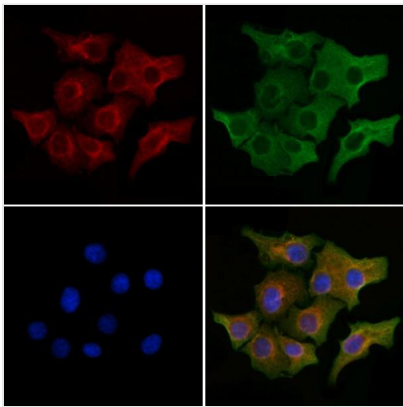
PRODUCT SYNONYMS

PERP; Polyclonal Antibody; PERP Antibody; 1110017A08Rik; dJ496H19.1; KCP 1; KCP-1; KCP1; Keratinocyte associated protein 1; Keratinocyte-associated protein 1; Keratinocytes associated protein 1; KRTCAP 1; KRTCAP1; p53 apoptosis effector related to PMP 22; p53 apoptosis effector related to PMP-22; p53 apoptosis effector related to PMP22; P53 induced protein PIGPC1; P53-induced protein PIGPC1; Perp; PERP TP53 apoptosis effector; PERP_HUMAN; PIGPC 1; PIGPC1; RP3 496H19.1; THW; TP53 apoptosis effector; Transmembrane protein THW; anti-PERP antibody

PRODUCT SPECIFICATIONS

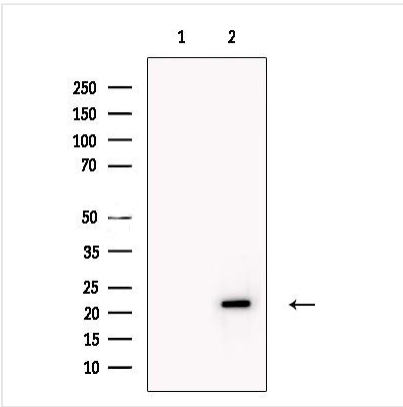
Host	Rabbit
Reactivity	Human, Mouse Predicted Reactivity: Pig(100%), Horse(80%), Rabbit(100%), Dog(100%)
Clonality	Polyclonal
Isotype	IgG
Specificity	PERP Antibody detects endogenous levels of total PERP.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	193
Applicable Applications for anti-PERP antibody	ELISA
Immunogen	A synthesized peptide derived from human PERP, corresponding to a region within the internal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA329038 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA329038) and mouse anti-beta tubulin Ab(T0023) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI (blue).



WB (Western Blot)

Western blot analysis of extracts from A431 cells, using PERP Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-PERP antibody	Function: Component of intercellular desmosome junctions. Plays a role in stratified epithelial integrity and cell-cell adhesion by promoting desmosome assembly. Plays a role as an effector in the TP53-dependent apoptotic pathway (By similarity).
	Subcellular Location: Cell junction>Desmosome. Cell membrane>Multi-pass membrane protein. Note: Associated with desmosomes.
	Tissue Specificity: Expressed in skin, heart, placental, liver, pancreas, keratinocytes and dermal fibroblasts.
	Similarity: Belongs to the TMEM47 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31377722
NCBI GeneID	64065
NCBI Accession #	NP_071404.2
NCBI GenBank Nucleotide #	NP_071404.2
UniProt Accession #	Q96FX8
Molecular Weight	Observed Molecular Weight: (Observed)21kD. Predicted Molecular Weight: (Calculated)21kDa.
NCBI Official Full Name	p53 apoptosis effector related to PMP-22
NCBI Official Synonym Full Names	p53 apoptosis effector related to PMP22
NCBI Official Symbol	PERP
NCBI Official Synonym Symbols	THW; KCP1; PIGPC1; KRTCAP1; dJ496H19.1
NCBI Protein Information	p53 apoptosis effector related to PMP-22
UniProt Protein Name	p53 apoptosis effector related to PMP-22
UniProt Gene Name	PERP

UniProt Synonym Gene Names	KCP1; KRTCAP1; PIGPC1; THW
UniProt Entry Name	PERP_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/perp-antibody-elisa/329038>