

Datasheet for ABIN2783850
anti-PERP antibody (Middle Region)

3 Images

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Overview

Quantity:	100 µL
Target:	PERP
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Dog, Rat, Cow, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PERP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human PERP
Sequence:	FLRVIGLLA LAAVFQIISL VIYPVKYTQT FTLHANPAVT YIYNWAYGFG
Predicted Reactivity:	Cow: 86%, Dog: 86%, Guinea Pig: 86%, Horse: 93%, Human: 100%, Mouse: 86%, Rabbit: 86%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against PERP. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	PERP
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Target Details

Alternative Name:	PERP (PERP Products)
Background:	<p>PERP is a component of intercellular desmosome junctions. PERP plays a role in stratified epithelial integrity and cell-cell adhesion by promoting desmosome assembly. PERP also plays a role as an effector in the TP53-dependent apoptotic pathway.</p> <p>Alias Symbols: KCP1, KRTCAP1, PIGPC1, RP3-496H19.1, THW, dJ496H19.1</p> <p>Protein Size: 193</p>
Molecular Weight:	21 kDa
Gene ID:	64065
NCBI Accession:	NM_022121 , NP_071404
UniProt:	Q96FX8
Pathways:	Cell-Cell Junction Organization , Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 193 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-PERP Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: PANC1 cell lysate PERP is supported by BioGPS gene expression data to be expressed in PANC1

Western Blotting

Image 2. WB Suggested Anti-PERP Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:2500 Positive Control: PANC1 cell lysate PERP is supported by BioGPS gene expression data to be expressed in PANC1

Immunohistochemistry

Image 3. Rabbit Anti-PERP Antibody Formalin Fixed Paraffin Embedded Tissue: Human heart Tissue Observed Staining: Plasma membrane in intercalated disk Primary Antibody Concentration: 1:100 Other Working Concentrations: 1:600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec

