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Datasheet for ABIN6992156
anti-PALMD antibody (C-Term)

Overview

Quantity:	0.1 mg
Target:	PALMD
Binding Specificity:	AA 460-510, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PALMD antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	PALMD antibody was raised against a 15 amino acid peptide near the carboxy terminus of human PALMD. The immunogen is located within amino acids 460 - 510 of PALMD.
Isotype:	IgG
Specificity:	PALMD antibody is human specific. At least two isoforms are known to exist.
Purification:	PALMD antibody is affinity chromatography purified via peptide column.

Target Details

Target:	PALMD
Alternative Name:	PALMD (PALMD Products)
Background:	Palmdelphin (PALMD) is a member of the paralemmin families that are lipid-anchored proteins

Target Details

having a role in the cell shape control and cell dynamics (1,2). While Paralemmin proteins typically anchor to the cytoplasm through via palmytoylation and prenylation, PALMD is found predominantly in the cytosol (3). PALMD is targeted to the nucleus to induce apoptosis in response to DNA damage (3-5). Abnormal genetic alterations in PALMD are observed in many malignant tumors (5).

Molecular Weight: Predicted: 61 kDa

Observed: 60 kDa

Gene ID: 54873

NCBI Accession: [NP_060204](#)

UniProt: [Q9NP74](#)

Application Details

Application Notes: PALMD antibody can be used for detection of PALMD by Western blot at 1 - 2 μ g/mL. Antibody can also be used for immunohistochemistry starting at 2.5 μ g/mL.

Antibody validated: Western Blot in human samples and Immunohistochemistry in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PALMD antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: PALMD antibody can be stored at 4°C for three months and -20°C, stable for up to one year.