

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

PALMD Antibody

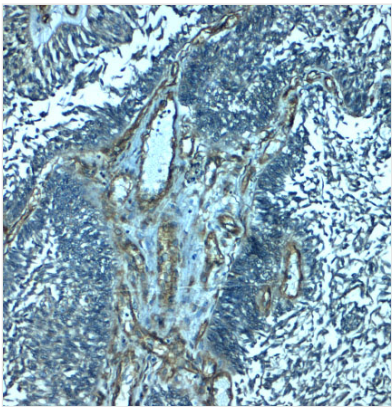
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40852	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

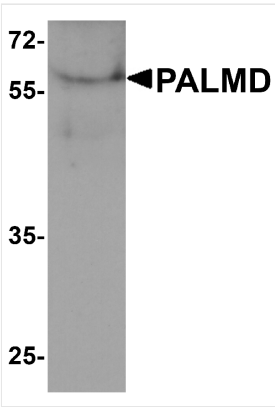
PALMD; Polyclonal Antibody; PALMD Antibody; Palmdelphin; C1orf11; FLJ20271; PALML; Paralemnin-like protein; anti-PALMD antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	PALMD antibody is human specific. At least two isoforms are known to exist.
Purity/Purification	Affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	551
Applicable Applications for anti-PALMD antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	PALMD antibody was raised against a 15 amino acid peptide near the carboxy terminus of human PALMD.
Buffer	Supplied in PBS containing 0.02% sodium azide.
Positive Control 1	Human Bladder Tissue Lysate
Conjugate	Unconjugated
Preparation and Storage	Store at 4 degree C for three months and -20 degree C, stable for up to one year.



IHC (Immunohistochemistry)
Immunohistochemistry of PALMD in human bladder tissue with PALMD antibody at 2.5 μg/mL.



WB (Western Blot)
Western blot analysis of PALMD in human bladder tissue lysate with PALMD antibody at 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-PALMD antibody	Palmdelphin (PALMD) is a member of the paralemmin families that are lipid-anchored proteins 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).
Product Categories/Family for anti-PALMD antibody	Apoptosis; Cancer
References	Hultqvist G, Ocampo Daza D, Larhammar D, et al. Evolution of the vertebrate paralemmin gene family: ancient origin of gene duplicates suggests distinct functions. PLoS One 2012; 7:e41850. Andreu N, Escarceller M, Feather S, et al. PALML, a novel paralemmin-related gene mapping on human chromosome 1p21. Gene 2001; 278:33-40. Hu B, Copeland NG, Gilbert DJ, et al. The paralemmin protein family: identification of paralemmin-2, an isoform differentially spliced to AKAP2/AKAP-KL, and of palmdelphin, a more distant cytosolic relative. Biochem. Biophys. Res. Commun. 2001; 285:1369-76. Dashzeveg N, Taira N, Lu ZG, et al. Palmdelphin, a novel target of p53 with Ser46 phosphorylation, controls cell death in response to DNA damage. Cell Death Dis. 2014; 5:e1221.

NCBI AND UNIPROT INFORMATION

NCBI GI #	8923243
NCBI GeneID	54873
NCBI Accession #	NP_060204
NCBI GenBank Nucleotide #	NM_017734.4
UniProt Accession #	Q9NP74; Q9H7E6; Q9NPM5; Q9NPM6; Q9NPS0
Molecular Weight	Predicted: 61 kDa Observed: 60 kDa
NCBI Official Full Name	palmdelphin
NCBI Official Synonym Full Names	palmdelphin
NCBI Official Symbol	PALMD
NCBI Official Synonym Symbols	PALML; C1orf11
NCBI Protein Information	palmdelphin
UniProt Protein Name	Palmdelphin

UniProt Gene Name	PALMD
UniProt Synonym Gene Names	C1orf11; PALML
UniProt Entry Name	PALMD_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/palmd-antibody-immunohistochemistry-western-blot-elisa/40852>