

Rabbit anti-Human PALM/Paralemmin Polyclonal Antibody | anti-PALM antibody

Anti-PALM/Paralemmin Antibody, Rabbit Polyclonal

CATALOG # AAA255973	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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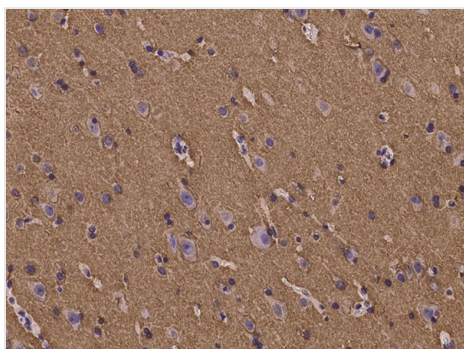
PRODUCT SYNONYMS

PALM/Paralemmin; Polyclonal Antibody; Anti-PALM/Paralemmin Antibody; Rabbit Polyclonal; PALM/Paralemmin Antibody; Rabbit PAb; Antigen Affinity Purified; paralemmin; Anti-KIAA0270 Antibody; anti-PALM antibody

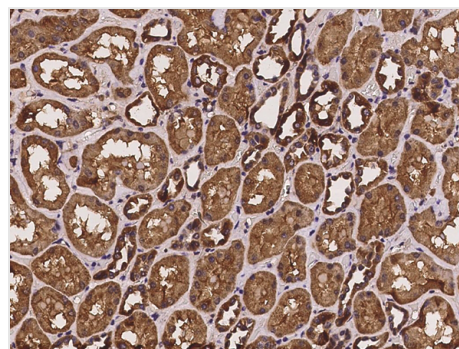
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human PALM/Paralemmin
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-PALM antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human PALM/Paralemmin fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human PALM/Paralemmin 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


IHC (Immunohistochemistry)

Immunochemical staining of human PALM in human brain with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.


IHC (Immunohistochemistry)

Immunochemical staining of human PALM in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-PALM antibody	Paralemmin (Palm) is a prenyl-palmitoyl anchored membrane protein that can drive membrane and process formation in neurons. Earlier studies have shown brain preferred Palm expression, although this protein is a major water-insoluble protein in chicken lens fiber cells and the Palm gene may be regulated by Pax6. Paralemmin has been implicated as a potent modulator of cellular cAMP signaling within the brain. It is abundant in the brain, is expressed at intermediate levels in the kidney and endocrine cells, and occurs at low levels in many other tissues. Diseases associated with PALM include Waardenburg Syndrome, Type 2B, and Osteopetrosis, Autosomal Dominant 2. Several alternatively spliced transcript variants have been identified, but the full-length nature of only two transcript variants has been determined.
References	Castellini M, et al. (2005) Palm is expressed in both developing and adult mouse lens and retina. BMC Ophthalmol 5 14.Burwinkel B, et al. (1998) Structure of the human paralemmin gene (palm), mapping to human chromosome 19p13.3 and mouse chromosome 10, and exclusion of coding mutations in grizzled, mocha, jittery, and hesitant mice. Genomics 49 (3): 462-466.Basile M, et al. (2006) Paralemmin interacts with d3 dopamine receptors: Implications for membrane localization and camp signaling. Arch Biochem Biophys 446 (1): 60-68.

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/palm-paralemmin-antibody-immunohistochemistry-elisa/255973>