OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for AP31901PU-N

Paralemmin (PALM) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	**ELISA.** **Western Blot:** 1/200-1/5000. **Immunohistochemistry:** 1/100-1/2000.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide derived from internal part of Human PALM protein.
Specificity:	This antibody reacts with Paralemmin-1
Formulation:	Tris 0,1M, glycine 0,1M, sucrose 2% State: Purified State: Lyohilized purified IgG fraction Preservative: None
Reconstitution Method:	Restore in distilled water.
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Lyophilized powder stable for a minimum of 2 years at -20°C. Store reconstituted antibody at 2-4°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: Six months from despatch.
Gene Name:	paralemmin
Database Link:	Entrez Gene 5064 Human O75781

View online »

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

Background: Paralemmin, also called Paralemmin-1 or PALM, is a widely expressed peripheral membrane protein that is involved in cell structure and shape. A hydrophobic protein, Paralemmin is anchored to the cytoplasmic side of the cell membrane via di-palmitoylation and prenylation of its C-terminal cysteine cluster. Functioning at the synapse to regulate neuronal plasticity and plasma membrane dynamics, Paralemmin can bind to the dopamine receptor D3, thereby reducing D3 expression and subsequent adenylate cyclase activity. Overexpression of Paralemmin induces fibroblasts to extend long filopodia and to assume extreme cell shapes, suggesting involvement in the formation and stabilization of the plasma membrane. Two isoforms of Paralemmin exists due to alternative splicing events.

Synonyms: Paralemmin, KIAA0270

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US