



[Go to Product page](#)

Datasheet for ABIN1394786
anti-Paralemmin antibody (AA 130-230) (FITC)

Overview

Quantity:	100 µL
Target:	Paralemmin (PALM)
Binding Specificity:	AA 130-230
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Paralemmin antibody is conjugated to FITC
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Paralemmin 1
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Sheep,Pig
Purification:	Purified by Protein A.

Target Details

Target:	Paralemmin (PALM)
Alternative Name:	Paralemmin 1 (PALM Products)

Target Details

Background: Synonyms: KIAA0270, PALM, PALM_HUMAN, Paralemmin, Paralemmin1, Paralemmin-1.
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.

Pathways: [cAMP Metabolic Process](#), [Regulation of G-Protein Coupled Receptor Protein Signaling](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months