Datasheet for ABIN2118939

anti-PKC mu antibody (AA 349-612)

3 Images

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Overview

Quantity:	100 µL
Target:	PKC mu (PRKD1)
Binding Specificity:	AA 349-612
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Immunogen:	PKD1 (Glu349-Gly612)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PKD1. It has been selected for its ability to recognize PKD1 in immunohistochemical staining and western blotting.
Characteristics:	The antibody is a rabbit polyclonal antibody raised against PKD1. It has been selected for its ability to recognize PKD1 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography

Target Details

Target:	PKC mu (PRKD1)
Alternative Name:	Protein Kinase D1 (PKD1) (PRKD1 Products)

Target Details

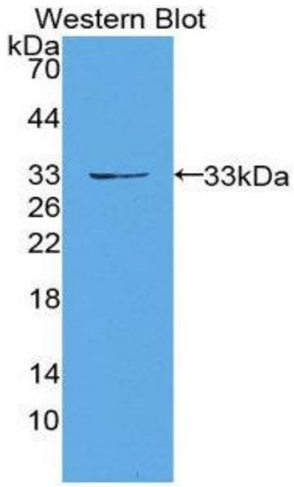
Background:	Alternative Names: PRKD1, PRK-D1, PKC-MU, PKCM, PK-D1, PRKCM, Protein Kinase C,Mu
Pathways:	Myometrial Relaxation and Contraction

Application Details

Application Notes:	• Western blotting: 1:50-400 Immunocytochemistry in formalin fixed cells: 1:50-500 Immunohistochemistry in formalin fixed frozen section: 1:50-500 Immunohistochemistry in paraffin section: 1:10-100 Enzyme-linked Immunosorbent Assay: 1:100-1:5000 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37&degC for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

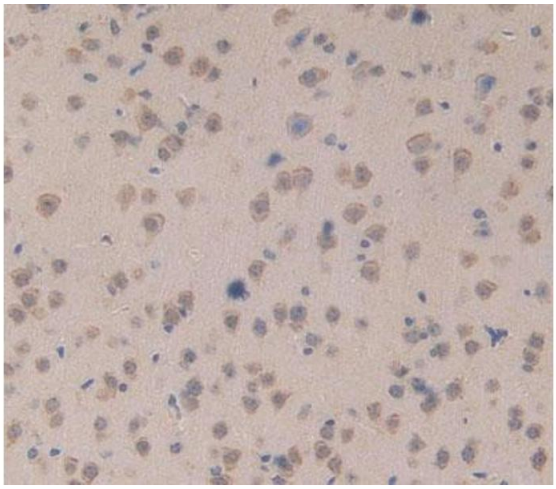
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	Store at 4 °C for frequent use. Stored at -20 °C to -80 °C in a manual defrost freezer for one year without detectable loss of activity.
Expiry Date:	12 months



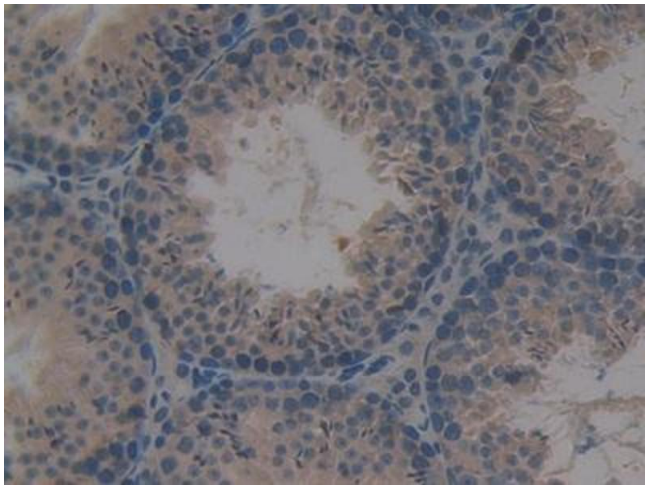
Western Blotting

Image 1.



Immunohistochemistry

Image 2. Used in DAB staining on fromalin fixed paraffin-embedded brain tissue



Immunohistochemistry

Image 3. DAB staining on IHC-P; Samples: Mouse Testis Tissue

