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Datasheet for 600-401-J29

Protein Kinase C delta-Binding Protein Antibody

Overview

Description:	Anti-Protein Kinase C delta-Binding Protein (RABBIT) Antibody - 600-401-J29
Item No.:	600-401-J29
Size:	100 µg
Applications:	IHC
Reactivity:	Human
Host Species:	Rabbit

Product Details

Background:	Protein Kinase C delta-Binding Protein antibody, once activated by diacylglycerol, phosphorylates various cellular proteins. It also functions as a receptor for phorbol esters and may be a factor in antigen-dependent control of B-cell function. Anti-Protein Kinase C delta-Binding Protein antibody is ideal for researchers interested in Neuroscience, Cancer, and Signal Transduction research.
Synonyms:	rabbit anti-Protein kinase C delta-binding protein antibody, rabbit anti-Cavin-3 antibody, Cavin3, cavin 3, PKC δ, Serum deprivation response factor-related gene product that binds to C-kinase, Caveolae-associated protein 3, hSRBC, PRKCDBP, SRBC, PKC delta, PKCδ antibody
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	CAVIN3
Reactivity:	Human
Immunogen Type:	Conjugated Peptide
Immunogen:	Protein Kinase C delta-Binding Protein affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to the C-terminal region of human Protein Kinase C delta-Binding Protein.

Purity/Specificity:	Anti-Protein Kinase C delta-Binding Protein was affinity purified from monospecific antiserum by immunoaffinity chromatography. A BLAST analysis was used to suggest cross-reactivity with rat, human, and mouse based on 100% sequence homology. Cross-reactivity with Protein Kinase C delta-Binding Protein from other sources has not been determined.
Relevant Links:	• UniProtKB - Q969G5 • NCBI - NP_659477.2 • GeneID - 112464

Application Details

Tested Applications:	IHC
Application Note:	Anti-Protein Kinase C delta Binding Protein antibody is tested in immunohistochemistry and ELISA and useful for Western Blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately ~37kDa corresponding to the appropriate cell lysate or extract.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1: 10,000
IHC:	5 µg/mL
WB:	1ug/ml

Formulation

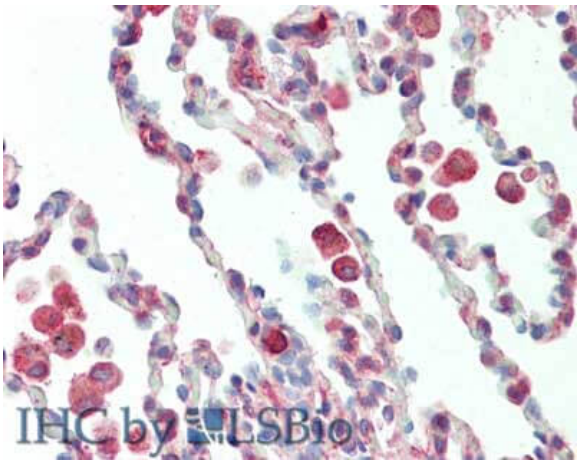
Physical State:	Liquid (sterile filtered)
Concentration:	1.02 mg/mL by UV absorbance at 280 nm
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	None
Stabilizer:	30% Glycerol

Shipping & Handling

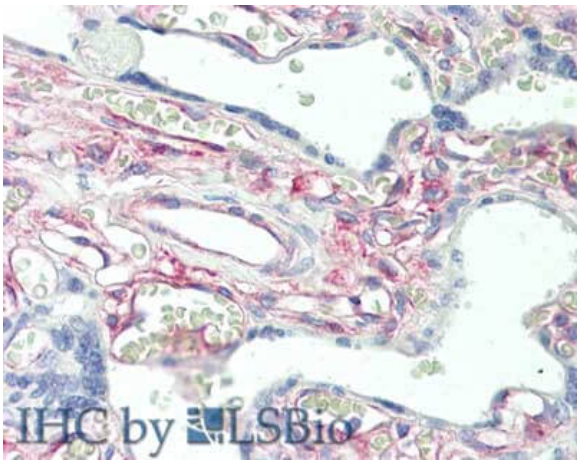
Shipping Condition:	Dry Ice

Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



Immunohistochemistry
Immunohistochemistry of rabbit anti-Protein Kinase C delta Binding Protein antibody. Tissue: Lung. Fixation: formalin fixed paraffin embedded. Antigen retrieval: not required. Primary antibody: Anti-Protein Kinase C delta Binding Protein at 5 µg/mL for 1 h at RT. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Staining: Protein Kinase C delta Binding Protein as precipitated red signal with hematoxylin purple nuclear counterstain.



Immunohistochemistry
Immunohistochemistry of rabbit anti-Protein Kinase C delta Binding Protein antibody. Tissue: Placenta. Fixation: formalin fixed paraffin embedded. Antigen retrieval: not required. Primary antibody: Anti-Protein Kinase C delta Binding Protein at 5 µg/mL for 1 h at RT. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Staining: Protein Kinase C delta Binding Protein as precipitated red signal with hematoxylin purple nuclear counterstain.

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