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www.rockland.com
tech@rockland.com
+1 484.791.3823

Datasheet for 600-401-AX1

DPF3 Antibody

Overview

Description:	Anti-DPF3 (RABBIT) Antibody - 600-401-AX1
Item No.:	600-401-AX1
Size:	100 µg
Applications:	ELISA, IF, IHC, WB
Reactivity:	Human, Mouse
Host Species:	Rabbit

Product Details

Background:	The DPF3 protein, also known as Cerd4, is a member of the d4 gene family of transcription modulators that also includes DPF1/Neud4 and DPF2/Requiem (1). DPF3 has been shown to be a epigenetic key factor for heart and muscle development and can bind to methylated and acetylated lysine residues of histone 3 and 4, suggesting that DPF3 may play a role in recruiting chromatin remodeling complexes to acetylated histones (2). Two isoforms of DPF3, DPF3a and DPF3b, are required as transcriptional co-activators in SWI/SNF complex-dependent activation of the NF-kappaB RelA/p50 heterodimer (3).
Synonyms:	DPF3 Antibody, CERD4, BAF45C, CERD4, Zinc finger protein DPF3, BRG1-associated factor 45C
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	DPF3
Reactivity:	Human, Mouse
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-DPF3 antibody was prepared from whole rabbit serum produced by repeated immunizations with an 18 amino acid peptide near the C-terminus of human DPF3

Purity/Specificity:	Anti-DPF3 antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. DPF3 antibody is human and mouse reactive. Multiple isoforms of DPF3 are known to exist.
Relevant Links:	• UniProtKB - Q92784 • GeneID - 8110 • NCBI - NP_036206

Application Details

Tested Applications:	ELISA, IF, IHC, WB
Application Note:	Anti-DPF3 Antibody has been tested for use in ELISA, Western Blotting, Immunohistochemistry and Immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 43 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000 - 1:20,000
IF:	20 µg/mL
IHC:	5 µg/mL
WB:	1-2 µg/mL

Formulation

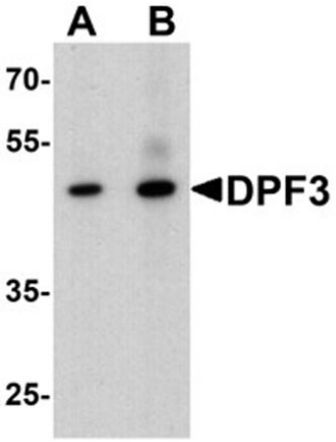
Physical State:	Liquid (sterile filtered)
Concentration:	1 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

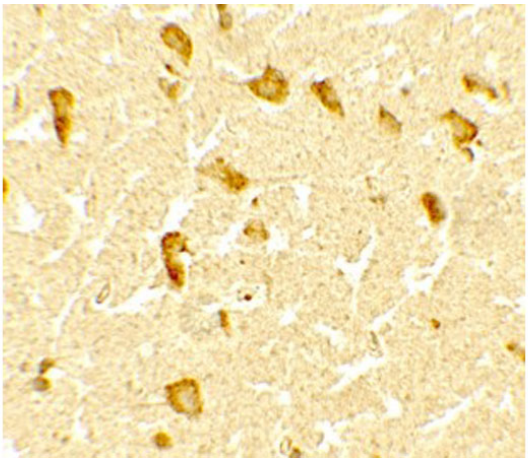
Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several 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.

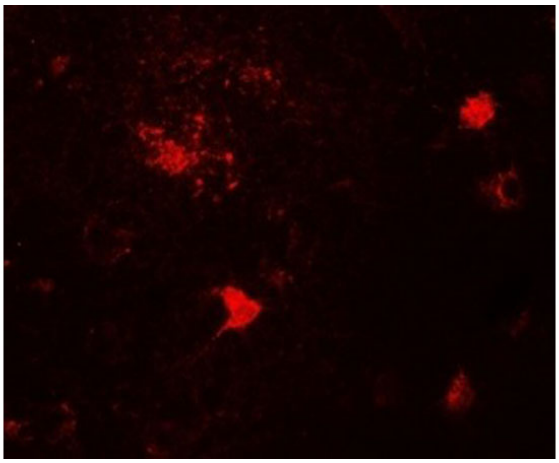
Images



Western Blot
Western blot of DPF3.
Load: mouse brain tissue lysate.
Primary Antibody: DPF3 antibody at (A) 1 and (B) 2 µg/ml.



Immunohistochemistry
Immunohistochemistry of DPF3.
Tissue: human brain tissue.
Primary Antibody: DPF3 antibody at 5 µg/mL.



Immunofluorescence Microscopy
Immunofluorescence of DPF3.
Tissue: human brain tissue.
Primary Antibody: DPF3 antibody at 20 µg/mL.

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