BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Zinc finger protein DPF3 DPF3 Antibody

Catalog Number: A09485

About DPF3

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).

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Overview

Product Name	Anti-Zinc finger protein DPF3 DPF3 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-Zinc finger protein DPF3 DPF3 Antibody (Catalog # A09485). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	DPF3 antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	DPF3 antibody can be stored at 4°C, stable for up to one year.
Host	Rabbit
Uniprot ID	Q92784

Technical Details

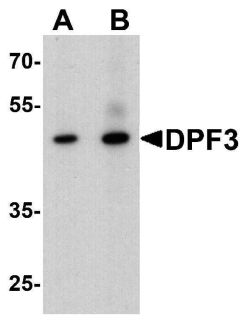
Immunogen	DPF3 antibody was raised against an 18 amino acid peptide near the carboxy terminus of human DPF3. The immunogen is located within amino acids 220 - 270 of DPF3.
Predicted Reactive Species	Chicken
Cross Reactivity	DPF3 antibody is human and mouse reactive. Multiple isoforms of DPF3 are known to exist.

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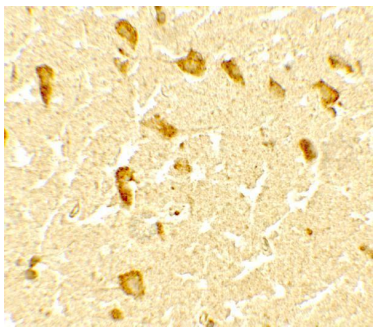
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	DPF3 antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	DPF3 antibody can be used for detection of DPF3 by Western blot at 1 - 2 ug/ml. Antibody can also be used for Immunohistochemistry at 5 ug/mL. For Immunoflorescence start at 20 ug/mL. Antibody validated: Western Blot in mouse samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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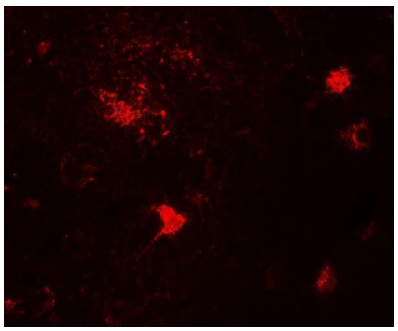
Anti-Zinc finger protein DPF3 DPF3 Antibody (A09485) Images



Western blot analysis of DPF3 in mouse brain tissue lysate with DPF3 antibody at (A) 1 and (B) 2 ug/ml.



Immunohistochemistry of DPF3 in human brain tissue with DPF3 antibody at 5 ug/mL.



Immunofluorescence of DPF3 in human brain tissue with DPF3 antibody at 20 ug/mL.

Anti-Zinc finger protein DPF3 DPF3 Antibody

For Research Use Only. Not for use in diagnostic procedures.