

## 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 an 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).

### Overview

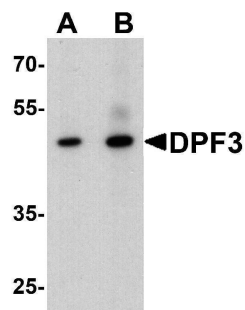
Product Name	Anti-Zinc finger protein DPF3 DPF3 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-Zinc finger protein DPF3 DPF3 Antibody (Catalog # A09485). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	DPF3 antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	DPF3 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.
Host	Rabbit
Uniprot ID	Q92784

### Technical Details

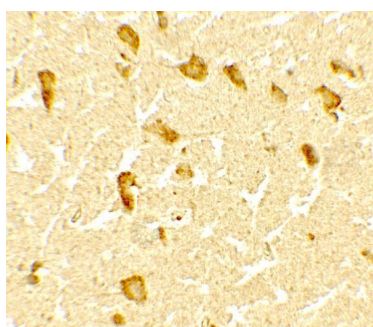
Immunogen	DPF3 antibody was raised against an 18 amino acid peptide near the carboxy terminus of human DPF3. The immunogen is located within amino acids 220 - 270 of DPF3.
Predicted Reactive Species	Chicken
Cross Reactivity	DPF3 antibody is human and mouse reactive. Multiple isoforms of DPF3 are known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

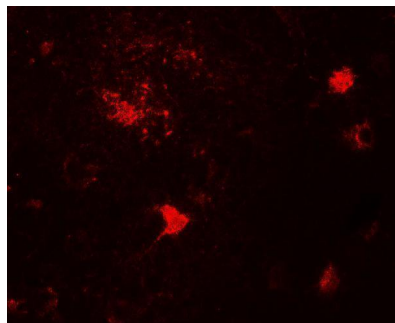
## Anti-Zinc finger protein DPF3 DPF3 Antibody (A09485) Images



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.

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