

Product datasheet for **TA326677**

CERD4 (DPF3) Rabbit Polyclonal Antibody

Product data:

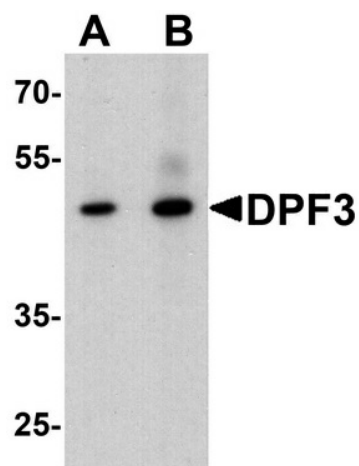
Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, IHC: 5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	DPF3 antibody was raised against an 18 amino acid peptide near the carboxy terminus of human DPF3
Formulation:	DPF3 antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	DPF3 antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 39 kDa; Observed: 50 kDa
Gene Name:	double PHD fingers 3
Database Link:	NP_036206 Entrez Gene 70127 Mouse Entrez Gene 8110 Human Q92784
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 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).
Synonyms:	BAF45C; CERD4



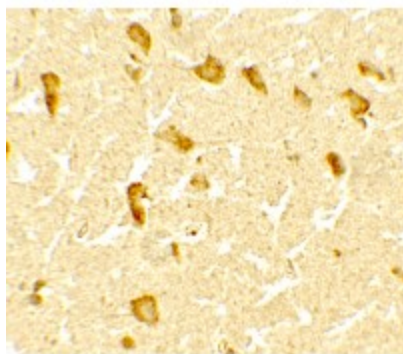
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Protein Families: Transcription Factors

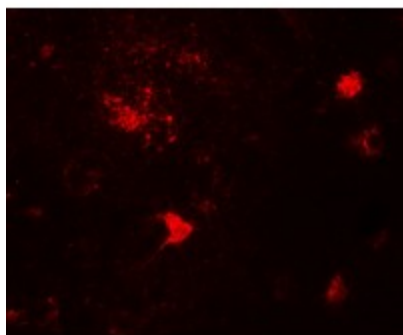
Product images:



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.