# antibodies - online.com







# anti-DPF1 antibody (AA 220-247)



Image



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0.0	
Quantity:	400 μL
Target:	DPF1
Binding Specificity:	AA 220-247
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DPF1 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	This DPF1 antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 220-247 amino acids from the Central region of human DPF1.
Clone:	RB37854
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	DPF1
Alternative Name:	DPF1 (DPF1 Products)

# **Target Details**

Background:
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DPF1 may have an important role in developing neurons by participating in regulation of cell survival, possibly as a neurospecific transcription factor. Belongs to the neuron-specific chromatin remodeling complex (nBAF complex). During neural development a switch from a stem/progenitor to a post-mitotic chromatin remodeling mechanism occurs as neurons exit the cell cycle and become committed to their adult state. The transition from proliferating neural stem/progenitor cells to post-mitotic neurons requires a switch in subunit composition of the npBAF and nBAF complexes. As neural progenitors exit mitosis and differentiate into neurons, npBAF complexes which contain ACTL6A/BAF53A and PHF10/BAF45A, are exchanged for homologous alternative ACTL6B/BAF53B and DPF1/BAF45B or DPF3/BAF45C subunits in neuron-specific complexes (nBAF). The npBAF complex is essential for the self-renewal/proliferative capacity of the multipotent neural stem cells. The nBAF complex along with CREST plays a role regulating the activity of genes essential for dendrite growth (By similarity).

Molecular Weight:	42502
Gene ID:	8193
NCBI Accession:	NP_001128627, NP_001128628, NP_004638
UniProt:	092782

#### **Application Details**

Application Notes:	WB: 1:1000

Restrictions: For Research Use only

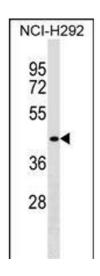
### Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	DPF1 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date:

6 months

# **Images**



# **Western Blotting**

**Image 1.** DPF1 Antibody (Center) (ABIN1538107 and ABIN2849125) western blot analysis in NCI- cell line lysates (35  $\mu$ g/lane). This demonstrates the DPF1 antibody detected the DPF1 protein (arrow).