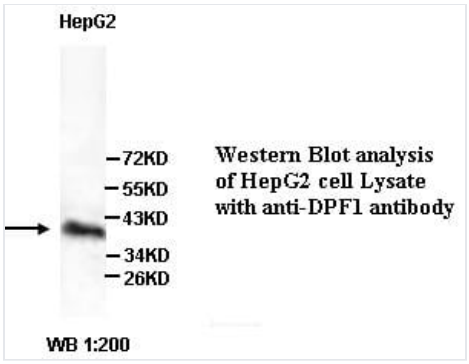
DPF1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	DPF1, Polyclonal Antibody
Full Product Name	DPF1 Antibody
Product Gene Name	anti-DPF1 antibody
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Purified by protein A column containing 0.02% NaN3
Preparation and Storage	Already reconstituted in 200ul sterile H2O. The antibody is stable for at least one year when stored at-20 degree C after reconstitution. Avoid repeated freeze/defrost cycles.
Molecular Weight	37,869 Da
OMIM	601670
3D Structure	ModBase 3D Structure for Q92782
Product Categories/Family for anti-DPF1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-DPF1 antibody	Peptide ELISA (EIA), Western Blot (WB)
Application Notes for anti-DPF1 antibody	Peptide ELISA: 1:1,000-1:10,000 WB: 1:200-1:1,000
Related Product Information for anti-DPF1 antibody	Rabbit polyclonal DPF1 (1) antibody was raised against a peptide from the C terminal residues of human DPF1 protein.
Product References and Citations for anti-DPF1 antibody	(1) Chestkov, A.V., Baka, I.D., Kost, M.V., et al. The d4 gene family in the human genome.Genomics 36 (1), 174-177 (1996).
Other Notes	Small volumes of anti-DPF1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for DPF1 purchase	MBS851407 is an antibody targeting DPF1. Also known as DPF1 Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Testing Data of anti-DPF1 antibody

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DPF1. It may not necessarily be applicable to this product.

NCBI GI #	205830432
NCBI GeneID	8193
NCBI Accession #	NP_004638.2
UniProt Primary Accession #	Q92782
UniProt Secondary Accession #	Q08AJ0; B3KSY8
UniProt Related Accession #	Q92782
GenBank Nucleotide #	NM_004647.3
NCBI Official Full Name	zinc finger protein neuro-d4 isoform b
NCBI Official Synonym Full Names	double PHD fingers 1
NCBI Official Symbol	DPF1
NCBI Official Synonym Symbols	NEUD4; BAF45b; neuro-d4
UniProt Protein Name	Zinc finger protein neuro-d4
UniProt Synonym Protein Names	BRG1-associated factor 45B; BAF45B; D4, zinc and double PHD fingers family 1
Protein Family	Zinc finger protein
UniProt Gene Name	DPF1
UniProt Synonym Gene Names	BAF45B; NEUD4; BAF45B
NCBI Protein Information	zinc finger protein neuro-d4
UniProt Comments for 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 ().

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