10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

(Mouse) Dpf2 Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21223a

Product Information

Application	WB, IHC-P, E
Primary Accession	Q61103
Reactivity	Human, Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB52405
Calculated MW	44230

Additional Information

Gene ID	19708
Other Names	Zinc finger protein ubi-d4, Apoptosis response zinc finger protein, BRG1-associated factor 45D, BAF45D, D4, zinc and double PHD fingers family 2, Protein requiem, Dpf2, Baf45d, Req, Ubid4
Target/Specificity	This mouse Dpf2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 99-133 amino acids from the N-terminal region of mouse Dpf2.
Dilution	WB~~1:2000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	(Mouse) Dpf2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Dpf2
Synonyms	Baf45d, Req, Ubid4
Function	Plays an active role in transcriptional regulation by binding modified histones H3 and H4. Is a negative regulator of myeloid differentiation of

	hematopoietic progenitor cells (By similarity). Might also have a role in the development and maturation of lymphoid cells (PubMed:7961935). Involved in the regulation of non-canonical NF- kappa-B pathway (By similarity).
Cellular Location	Nucleus {ECO:0000250|UniProtKB:Q92785}. Cytoplasm {ECO:0000250|UniProtKB:Q92785}
Tissue Location	In embryo, highest levels are seen in brain, eyes, thymus and olfactory epithelium in nose, whereas several other tissues, including the musculoskeletal system, show moderate expression. In adult, higher expression in testis, medium in thymus and spleen, lower in certain parts of the brain as the hippocampus. No expression in adult heart, lung, liver, duodenum and kidney

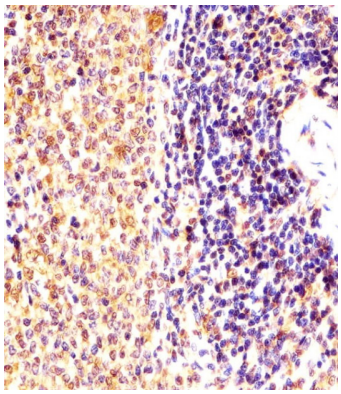
Background

May be a transcription factor required for the apoptosis response following survival factor withdrawal from myeloid cells. Might also have a role in the development and maturation of lymphoid cells.

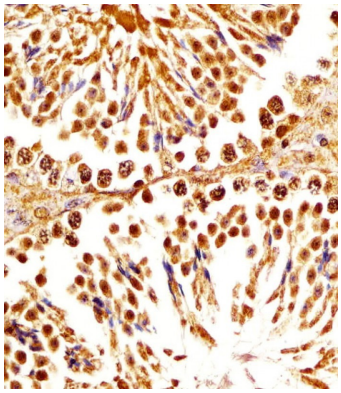
References

Mertsalov I.B.,et al.Mamm. Genome 11:72-74(2000).
Carninci P.,et al.Science 309:1559-1563(2005).
Gabig T.G.,et al.J. Biol. Chem. 269:29515-29519(1994).
Gabig T.G.,et al.Mamm. Genome 9:660-665(1998).
Lessard J.,et al.Neuron 55:201-215(2007).

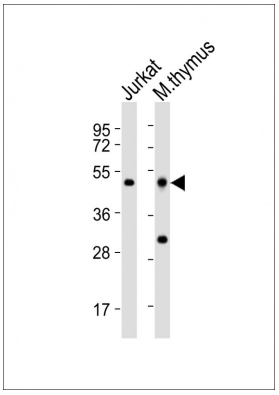
Images



AP21223a staining (Mouse) Dpf2 in mouse spleen sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0. 5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



AP21223a staining (Mouse) Dpf2 in mouse testis sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0. 5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



All lanes : Anti-Dpf2 Antibody (N-term) at 1:2000 dilution Lane 1: Jurkat whole cell lysates Lane 2: mouse thymus lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 44 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.