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Dpf2 Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AW5514

Specification

Dpf2 Antibody (N-term) - Product Information

Application	**WB, IHC,E**
Primary Accession	Q61103
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**M=44;H=44,24 KDa**
Isotype	**Rabbit IgG**
Antigen Source	**HUMAN**

Dpf2 Antibody (N-term) - Additional Information

Gene ID 19708

Antigen Region
99-133

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

Dilution
WB~~1:2000
IHC~~1:25

Target/Specificity
This 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.

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
Dpf2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Dpf2 Antibody (N-term) - 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}

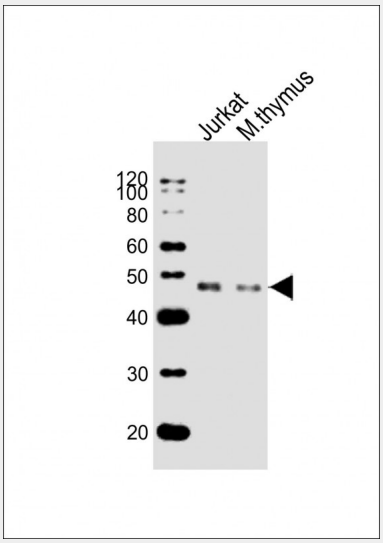
Tissue Location
In embryo, highest levels are seen in brain, eyes, thymus and olfactory epithelium in nose, whereas several other tissues, including the musculoskeletal system, show moderate expression. In adult, higher expression in testis, medium in thymus and spleen, lower in certain parts of the brain as the hippocampus. No expression in adult heart, lung, liver, duodenum and kidney

Dpf2 Antibody (N-term) - Protocols

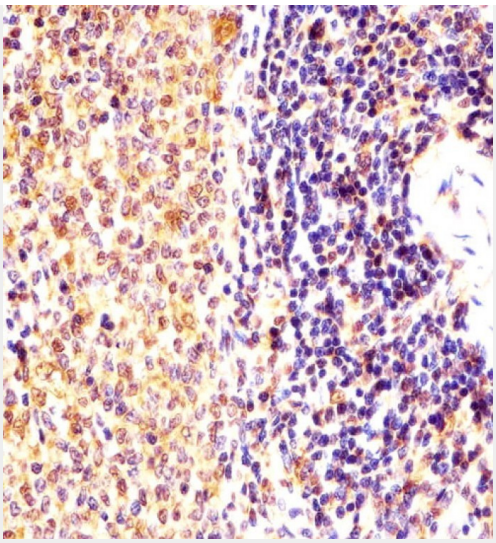
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

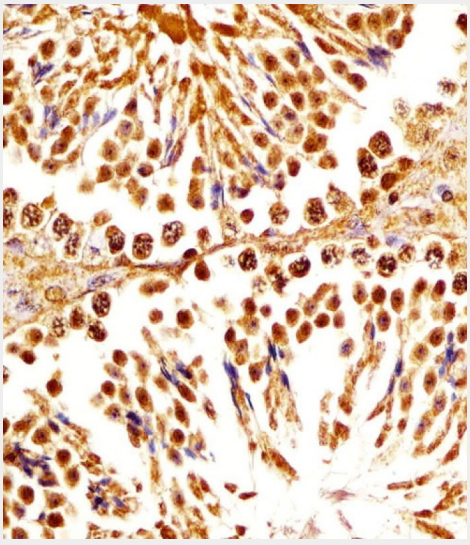
Dpf2 Antibody (N-term) - Images



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.



AW5514 staining 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.



AW5514 staining 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.

Dpf2 Antibody (N-term) - 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.

Dpf2 Antibody (N-term) - 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).
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Lessard J.,et al.Neuron 55:201-215(2007).