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# (Mouse) Dpf2 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5483

## Product Information

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| **Application** | WB |
| **Primary Accession** | Q61103 |
| **Reactivity** | Human, Mouse |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 44230 |
| **Isotype** | Rabbit IgG |
| **Antigen Source** | HUMAN |

## Additional Information

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| **Gene ID** | 19708 |
| **Antigen Region** | 125-159 |
| **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~~1:1000 |
| **Target/Specificity** | This mouse Dpf2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 125-159 amino acids from the Central region of mouse Dpf2. |
| **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 (Center) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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| **Name** | Dpf2 |
| **Synonyms** | Baf45d, Req, Ubid4 |

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| **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 |

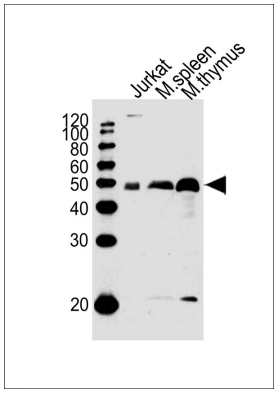
## Background

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




All lanes : Anti-Dpf2 Antibody (Center) at 1:1000 dilution Lane 1: Jurkat whole cell lysates Lane 2: mouse spleen lysates Lane 3: 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'.