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(Mouse) Dpf2 Blocking Peptide (Center)

Synthetic peptide
Catalog # BP21221c

Specification

(Mouse) Dpf2 Blocking Peptide (Center) - Product Information

Primary Accession Q61103

(Mouse) Dpf2 Blocking Peptide (Center) - 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
The synthetic peptide sequence is selected from aa 125-139 of HUMAN Dpf2

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

(Mouse) Dpf2 Blocking Peptide (Center) - 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

(Mouse) Dpf2 Blocking Peptide (Center) - Protocols

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

- Blocking Peptides

(Mouse) Dpf2 Blocking Peptide (Center) - Images

(Mouse) Dpf2 Blocking Peptide (Center) - 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.

(Mouse) Dpf2 Blocking Peptide (Center) - 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).