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

DPF2 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP1451a

Specification

DPF2 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q92785

DPF2 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 5977

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 used to generate the antibody AP1451a was selected from the N-term region of human DPF2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

DPF2 Antibody (N-term) Blocking Peptide - Protein Information

Name DPF2

Synonyms BAF45D, REQ, UBID4

Function
Plays an active role in transcriptional regulation by binding modified histones H3 and H4 (PubMed:28533407, PubMed:27775714). Is a negative regulator of myeloid differentiation of hematopoietic progenitor cells (PubMed:28533407). Might also have a role in the development and maturation of lymphoid cells (By similarity). Involved in the regulation of non-canonical NF-kappa-B pathway (PubMed:20460684).

Cellular Location
Nucleus. Cytoplasm

Tissue Location
Ubiquitous.

DPF2 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

DPF2 Antibody (N-term) Blocking Peptide - Images

DPF2 Antibody (N-term) Blocking Peptide - Background

DPF2 is a member of the d4 domain family, characterized by a zinc finger-like structural motif. This protein functions as a transcription factor which is necessary for the apoptotic response following deprivation of survival factors. It likely serves a regulatory role in rapid hematopoietic cell growth and turnover. DPF2 gene is considered a causal candidate for multiple endocrine neoplasia type I, an inherited cancer syndrome involving multiple parathyroid, enteropancreatic, and pituitary tumors.

DPF2 Antibody (N-term) Blocking Peptide - References

Olsen,J.V.,Cell 127 (3), 635-648 (2006)Beausoleil,S.A.,Proc. Natl. Acad. Sci. U.S.A. 101 (33), 12130-12135 (2004)