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Anti-DPF2 Antibody

Catalog # AP53343

Product Information

Application	WB, IHC, IF/IC
Primary Accession	Q92785
Reactivity	Human, Mouse, Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44155

Additional Information

Gene ID	5977
Other Names	BAF45D; REQ; UBID4; 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
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human DPF2. The exact sequence is proprietary.
Dilution	WB~~ 1:1000 IHC~~1:100~500 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

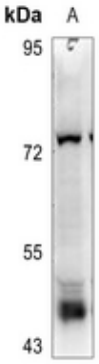
Protein Information

Name	DPF2
Synonyms	BAF45D, REQ, UBID4
Function	Plays an active role in transcriptional regulation by binding modified histones H3 and H4 (PubMed:27775714, PubMed:28533407). 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.

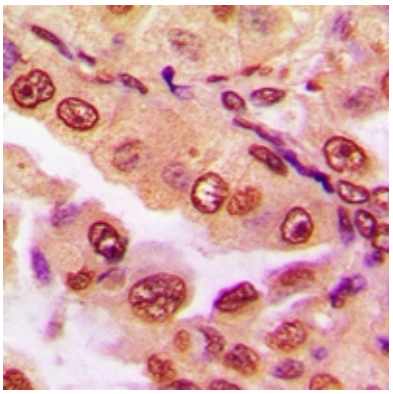
References

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Gabig T.G.,et al.Mamm. Genome 9:660-665(1998).
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Ota T.,et al.Nat. Genet. 36:40-45(2004).
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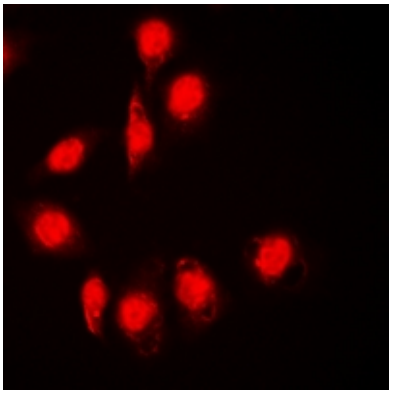
Images



Western blot analysis of DPF2 expression in HT29 (A) whole cell lysates. (Predicted band size: 44 kD; Observed band size: 44 kD)



Immunohistochemical analysis of DPF2 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of DPF2 staining in Jurkat cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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