

AP51228PU-N**Polyclonal Antibody to DEAF1 (C-term) - Aff - Purified**

Alternate names:	Deformed epidermal autoregulatory factor 1 homolog, NUDR, Nuclear DEAF-1-related transcriptional regulator, SPN, SPN, Suppressin, ZMYND5, Zinc finger MYND domain-containing protein 5
Quantity:	0.4 ml
Concentration:	lot specific
Background:	Transcription factor that binds to sequence with multiple copies of 5'-TTC[CG]G-3' present in its own promoter and that of the HNRPA2B1 gene. Down-regulates transcription of these genes. Binds to the retinoic acid response element (RARE) 5'-AGGGTTCACCGAAAGTTCA-3'. Activates the proenkephalin gene independently of promoter binding, probably through protein-protein interaction. When secreted, behaves as an inhibitor of cell proliferation, by arresting cells in the G0 or G1 phase. Required for neural tube closure and skeletal patterning. Regulates epithelial cell proliferation and side-branching in the mammary gland. Controls the expression of peripheral tissue antigens in pancreatic lymph nodes. Isoform 1 displays greater transcriptional activity than isoform 4. Isoform 4 may inhibit transcriptional activity of isoform 1 by interacting with isoform 1 and retaining it in the cytoplasm.
Uniprot ID:	075398
NCBI:	NP_066288
GenID:	10522
Host / Isotype:	Rabbit / Ig
Immunogen:	KLH conjugated synthetic peptide between 473-502 amino acids from the C-terminal region of human DEAF1
Format:	State: Liquid purified Ig fraction Purification: Affinity Chromatography on Protein A Buffer System: PBS Preservatives: 0.09% Sodium Azide
Applications:	ELISA: 1/1000. Western Blot: 1/100-1/500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes Human DEAF1 (C-term).
Add. Information:	Molecular Weight: 59327 Da
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Pilot-Storck, F., et al. Mol. Cell Proteomics 9(7):1578-1593 (2010). Gu, B., et al. Biochem. Biophys. Res. Commun. 394(2):418-423 (2010). Yip, L., et al. Nat. Immunol. 10(9):1026-1033 (2009). Egli, R.J., et al. Arthritis Rheum. 60(7):2055-2064 (2009).

Barker, H.E., et al. BMC Dev. Biol. 8, 94 (2008).

Pictures:

Western blot analysis of DEAF1 Antibody (C-term) Cat.-No AP51228PU-N in 293 cell line lysates (35ug/lane). This demonstrates the DEAF1 antibody detected the DEAF1 protein (arrow).

