

Datasheet for ABIN951872
anti-DEAF1 antibody (C-Term)



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1 Image

Overview

Quantity:	0.4 mL
Target:	DEAF1
Binding Specificity:	AA 473-502, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DEAF1 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 473-502 amino acids from the C-terminal region of human DEAF1
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human DEAF1 (C-term).
Purification:	Affinity Chromatography on Protein A__

Target Details

Target:	DEAF1
Alternative Name:	DEAF1 (DEAF1 Products)
Background:	Transcription factor that binds to sequence with multiple copies of 5'-TTC[CG]G-3' present in its

Target Details

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. Synonyms: Deformed epidermal autoregulatory factor 1 homolog, NUDR, Nuclear DEAF-1-related transcriptional regulator, SPN, Suppressin, ZMYND5, Zinc finger MYND domain-containing protein 5

Molecular Weight: 59327 Da

Gene ID: 10522

NCBI Accession: [NP_066288](#)

Pathways: [Tube Formation](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS, 0.09 % Sodium Azide

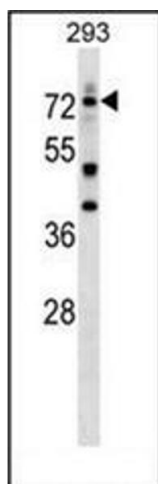
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of DEAF1 Antibody (C-term) in 293 cell line lysates (35ug/lane). This demonstrates the DEAF1 antibody detected the DEAF1 protein (arrow).