

Datasheet for ABIN2781133
anti-DEAF1 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	DEAF1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Guinea Pig, Dog, Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DEAF1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human DEAF1
Sequence:	TGCHKVNYCS TFCQRKDWKD HQHICGQSAA VTVQADEVHV AESVMEKVTV
Predicted Reactivity:	Dog: 86%, Guinea Pig: 79%, Horse: 86%, Human: 100%, Mouse: 79%, Pig: 93%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against DEAF1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	DEAF1
Alternative Name:	DEAF1 (DEAF1 Products)

Target Details

Background:	<p>DEAF1 down-regulates transcription of those genes by binding to sequence with multiple copies of TTC[CG]G present in their own promoter and that of the HNRPA2B1 gene. DEAF1 binds to the retinoic acid response element (RARE) AGGGTTCACCGAAAGTTCA. DEAF1 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.</p> <p>Alias Symbols: SPN, NUDR, ZMYND5</p> <p>Protein Interaction Partner: IRF7, IRF3, CREB1, PELI1, PELI2, HRSP12, GSK3B, GSK3A, CDKN2A, PPP1CC, PPP1CA, CDC37, AIMP2, TK1, RAD23B, PIN1, HRAS, FHL1, CDKN1A, ASCC2, INTS1, LMO4, DEAF1,</p> <p>Protein Size: 565</p>
Molecular Weight:	59 kDa
Gene ID:	10522
NCBI Accession:	NM_021008 , NP_066288
UniProt:	O75398
Pathways:	Tube Formation

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 565 AA
Restrictions:	For Research Use only

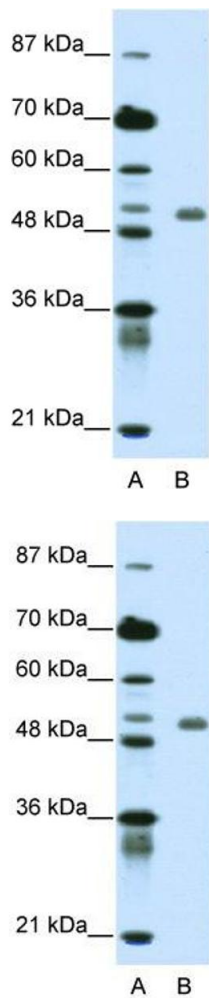
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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 freeze-thaw cycles.

Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-DEAF1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Jurkat cell lysate DEAF1 is supported by BioGPS gene expression data to be expressed in Jurkat

Western Blotting

Image 2. WB Suggested Anti-DEAF1 Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:12500 Positive Control: Jurkat cell lysate DEAF1 is supported by BioGPS gene expression data to be expressed in Jurkat