

Datasheet for ABIN7149604
anti-DEAF1 antibody (AA 73-200)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	DEAF1
Binding Specificity:	AA 73-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DEAF1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Recombinant Human Deformed epidermal autoregulatory factor 1 homolog protein (73-200AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	DEAF1
Alternative Name:	DEAF1 (DEAF1 Products)
Background:	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

Target Details

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.

Transcriptional activator of EIF4G3.

Aliases: Deaf1 antibody, DEAF1 transcription factor antibody, DEAF1_HUMAN antibody, Deformed epidermal autoregulatory factor 1 homolog antibody, Nuclear DEA1 related transcriptional regulator antibody, Nuclear DEAF-1-related transcriptional regulator antibody, NUDR antibody, SPN antibody, Suppressin antibody, Zinc finger MYND domain containing protein 5 antibody, Zinc finger MYND domain-containing protein 5 antibody, ZMYND5 antibody

UniProt: [O75398](#)

Pathways: [Tube Formation](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000,

Restrictions: For Research Use only

Handling

Format: Liquid

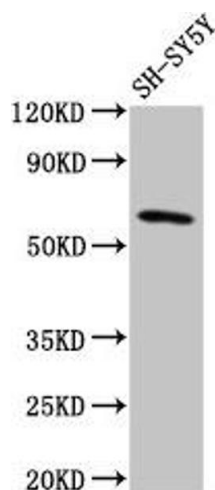
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western Blot Positive WB detected in: SH-SY5Y whole cell lysate All lanes: DEAF1 antibody at 3.2 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 60, 59, 53, 52 kDa Observed band size: 60 kDa