Datasheet for ABIN2780370

anti-TADA2L antibody (Middle Region)

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Overview

Quantity:	100 µL
Target:	TADA2L (TADA2A)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Rabbit, Guinea Pig, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TADA2L antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human TADA2L
Sequence:	LEYKSALLNE CNKQGGLRLA QARALIKIDV NKTRKIYDFL IREGYITKG
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 100%, Zebrafish: 85%
Characteristics:	This is a rabbit polyclonal antibody against TADA2L. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	TADA2L (TADA2A)

Target Details

Alternative Name:	TADA2L (TADA2A Products)
Background:	Many DNA-binding transcriptional activator proteins enhance the initiation rate of RNA polymerase II-mediated gene transcription by interacting functionally with the general transcription machinery bound at the basal promoter. Adaptor proteins are usually required for this activation, possibly to acetylate and destabilize nucleosomes, thereby relieving chromatin constraints at the promoter. TADA2L is a transcriptional activator adaptor and has been found to be part of the PCAF histone acetylase complex.Many DNA-binding transcriptional activator proteins enhance the initiation rate of RNA polymerase II-mediated gene transcription by interacting functionally with the general transcription machinery bound at the basal promoter. Adaptor proteins are usually required for this activation, possibly to acetylate and destabilize nucleosomes, thereby relieving chromatin constraints at the promoter. The protein encoded by this gene is a transcriptional activator adaptor and has been found to be part of the PCAF histone acetylase complex. Two transcript variants encoding different isoforms have been identified for this gene. Alias Symbols: ADA2, FLJ12705, KL04P, hADA2, ADA2A, TADA2L Protein Interaction Partner: MFAP1, MAGOH, KPNA2, FBF1, PRPF31, PPP1R16B, ZFYVE26, SF3A3, FARS2, MTX2, EIF4E2, FAM127C, KLHL38, TTC9C, ZNF564, TEKT4, LOC149950, KLC4, TTC23, GPSM3, CDCA7L, C1orf109, CCHCR1, PRKAB2, ARNT2, USP22, TADA3, HNF4A, LYN, HSP90AA1, KAT2B, MCPH1, PAXIP1, SUPT Protein Size: 443
Molecular Weight:	51 kDa
Gene ID:	6871
NCBI Accession:	NM_001488, NP_001479
UniProt:	O75478
Pathways:	Chromatin Binding

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 443 AA
Restrictions:	For Research Use only

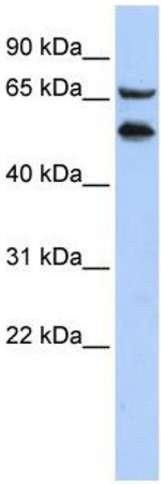
Handling

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.
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.

Publications

Product cited in:	Libby, Bales, Orlicky, McManaman: "Perilipin-2 Deletion Impairs Hepatic Lipid Accumulation by Interfering with Sterol Regulatory Element-binding Protein (SREBP) Activation and Altering the Hepatic Lipidome." in: **The Journal of biological chemistry**, Vol. 291, Issue 46, pp. 24231-24246 , (2016) (PubMed).

Images



Western Blotting

Image 1. WB Suggested Anti-TADA2L Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: HepG2 cell lysate