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TADA2L Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14912c

Specification

TADA2L Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	O75478
Other Accession	Q6AYE3, Q8CHV6, Q3SZP8, NP_597683.2, NP_001479.3
Reactivity	**Human**
Predicted	**Bovine, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**51506**
Antigen Region	**202-230**

TADA2L Antibody (Center) - Additional Information

Gene ID 6871

Other Names
Transcriptional adapter 2-alpha, Transcriptional adapter 2-like, ADA2-like protein, TADA2A, TADA2L

Target/Specificity
This TADA2L antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 202-230 amino acids from the Central region of human TADA2L.

Dilution
WB~~1:1000
E~~Use at an assay dependent concentration.

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
TADA2L Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

TADA2L Antibody (Center) - Protein Information

Name TADA2A

Synonyms TADA2L

Function Component of the ATAC complex, a complex with histone acetyltransferase activity on histones H3 and H4. Required for the function of some acidic activation domains, which activate transcription from a distant site (By similarity). Binds double- stranded DNA. Binds dinucleosomes, probably at the linker region between neighboring nucleosomes. Plays a role in chromatin remodeling. May promote TP53/p53 'Lys-321' acetylation, leading to reduced TP53 stability and transcriptional activity (PubMed:22644376). May also promote XRCC6 acetylation thus facilitating cell apoptosis in response to DNA damage (PubMed:22644376).

Cellular Location
Nucleus. Chromosome {ECO:0000250|UniProtKB:Q8CHV6}

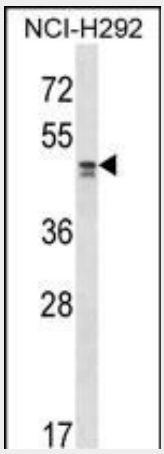
Tissue Location
Expressed in all tissues, but most abundantly in testis

TADA2L Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TADA2L Antibody (Center) - Images



TADA2L Antibody (Center) (Cat. #AP14912c) western blot analysis in NCI-H292 cell line lysates (35ug/lane).This demonstrates the TADA2L antibody detected the TADA2L protein (arrow).

TADA2L Antibody (Center) - 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. The protein encoded by this gene is a transcriptional activator adaptor and has been found to be part of the PCAF histone acetylase complex. Several alternatively spliced transcript variants encoding different isoforms of this gene have been described, but the full-length nature of some of these variants has not been determined.

TADA2L Antibody (Center) - References

Ruano, G., et al. Pharmacogenomics 11(7):959-971(2010)
Yang, M., et al. Cancer Biol. Ther. 7(1):120-128(2008)
Lamesch, P., et al. Genomics 89(3):307-315(2007)
Qian, C., et al. Nat. Struct. Mol. Biol. 12(12):1078-1085(2005)
Barlev, N.A., et al. Mol. Cell. Biol. 23(19):6944-6957(2003)