10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

TADA3L Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55014

Product Information

Application	WB, IHC-P, IHC-F, IF, ICC
Primary Accession	O75528
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48902
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human TADA3L
Epitope Specificity	251-350/432
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the NGG1 family.
SUBUNIT	The PCAF complex is composed of a number of TBP-associated factors (TAFS), such as TAF5, TAF5L, TAF6, TAF6L, TAF9, TAF10 and TAF12, PCAF, and also PCAF-associated factors (PAFs), such as TADA2L/ADA2, TADA3L/ADA3 and SPT3. Interacts directly with TADA2L and PCAF and also with the high-risk HPV oncoprotein E6. Component of the STAGA transcription coactivator-HAT complex, at least composed of SUPT3H, GCN5L2, TAF5L, TAF6L, SUPT7L, TADA3L, TAD1L, TAF10, TAF12, TRRAP and TAF9. Component of the TFTC-HAT complex. Component of the ADA2A-containing complex (ATAC), composed of CSRP2BP, KAT2A, TADA2L, TADA3L, ZZ3, MBIP, WDR5, YEATS2, CCDC101 and DR1.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	DNA-binding transcriptional activator proteins increase the rate of transcription by interacting with the transcriptional machinery bound to the basal promoter in conjunction with adaptor proteins, possibly by acetylation and destabilization of nucleosomes. The protein encoded by this gene is a transcriptional activator adaptor and a component of the histone acetyl transferase (HAT) coactivator complex which plays a crucial role in chromatin modulation and cell cycle progression. Along with the other components of the complex, this protein links transcriptional activators bound to specific promoters, to histone acetylation and the transcriptional machinery. The protein is also involved in the stabilization and activation of the p53 tumor suppressor protein that plays a role in the cellular response to DNA damage. Alternate splicing results in multiple transcript variants of this gene. [provided by RefSeq, May 2013]

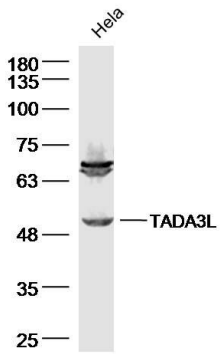
Additional Information

Gene ID	10474
Other Names	Transcriptional adapter 3, ADA3 homolog, hADA3, STAF54, Transcriptional adapter 3-like, ADA3-like protein, TADA3, ADA3, TADA3L
Target/Specificity	Ubiquitously expressed.
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	TADA3
Synonyms	ADA3, TADA3L
Function	Functions as a component of the PCAF complex. The PCAF complex is capable of efficiently acetylating histones in a nucleosomal context. The PCAF complex could be considered as the human version of the yeast SAGA complex. Also known as a coactivator for p53/TP53- dependent transcriptional activation. Component of the ATAC complex, a complex with histone acetyltransferase activity on histones H3 and H4.
Cellular Location	Nucleus
Tissue Location	Ubiquitously expressed.

Images



Sample: Hela Cell Lysate at 40 ug
Primary: Anti-TADA3L (AP55014) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 49 kD
Observed band size: 49 kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.