

Rabbit ADA2L Polyclonal Antibody | anti-ADA2L antibody

ADA2L Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320981	Rabbit	Human, Mouse, Rat, Monkey	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

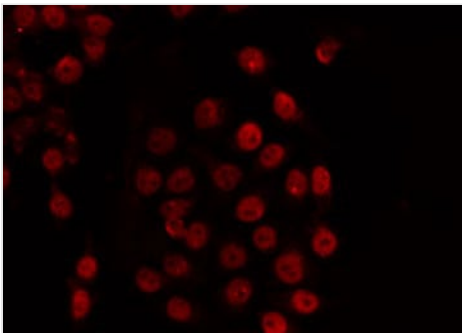
PRODUCT SYNONYMS

ADA2L; Polyclonal Antibody; ADA2L Antibody; ADA2 ALPHA; ADA2; ADA2 like; ADA2 like protein; yeast; homolog of; alpha; ADA2A; hADA2; KL04P; Tada2l; Transcriptional adapter 2 alpha; Transcriptional adapter 2 like; Transcriptional adaptor 2 (ADA2 homolog; yeast) like; Transcriptional adaptor 2 (ADA2; homolog) like; Transcriptional adaptor 2 alpha; Transcriptional adaptor 2A; anti-ADA2L antibody

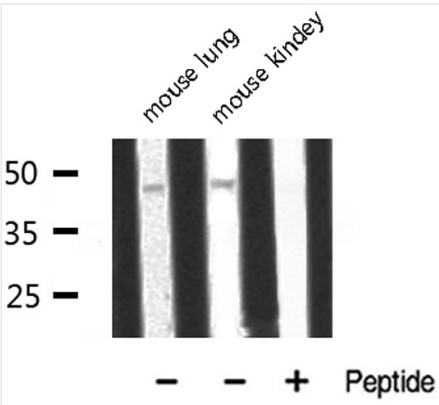
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Monkey
Clonality	Polyclonal
Isotype	IgG
Specificity	ADA2L antibody detects endogenous levels of total ADA2L
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	443
Applicable Applications for anti-ADA2L antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human ADA2L
Subcellular Location	Nuclear, Chromosome
Tissue Specificity	Expressed in all tissues, but most abundantly in testis.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (100%), Zebrafish (91%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

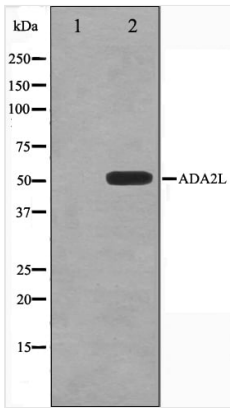
IMAGES



IF (Immunofluorescence)
AAA320981 staining COS7 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of ADA2L expression in various lysates



WB (Western Blot)
Western blot analysis on COLO205 cell lysate using ADA2L Antibody, The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-ADA2L antibody

Description: TADA2L 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. Binds double-stranded DNA. Binds dinucleosomes, probably at the linker region between neighboring nucleosomes. Plays a role in chromatin remodeling. Interacts with GCN5 and NR3C1.

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).

Subunit Structure: Interacts with GCN5 and NR3C1. Associated with the P/CAF protein in the PCAF complex. Component of the PCAF complex, at least composed of TADA2L/ADA2, TADA3L/ADA3, TAF5L/PAF65-beta, TAF6L/PAF65-alpha, TAF10/TAFII30, TAF12/TAFII20, TAF9/TAFII31 and TRRAP. Component of the ADA2A-containing complex (ATAC), composed of KAT14, KAT2A, TADA2L, TADA3L, ZZ3, MBIP, WDR5, YEATS2, CCDC101 and DR1. Interacts with CCDC134 (PubMed:22644376).

NCBI AND UNIPROT INFORMATION

NCBI GI #	632794845
NCBI GeneID	6871
NCBI Accession #	NP_001159577.2

NCBI GenBank Nucleotide #	NM_001166105.2
UniProt Accession #	O75478; Q9BVJ0; Q9UCW2; Q9UP49; A8MVD0; B3KMU9
Molecular Weight	Observed: 47 kDa Predicted: 52 kDa
NCBI Official Full Name	transcriptional adapter 2-alpha isoform a
NCBI Official Synonym Full Names	transcriptional adaptor 2A
NCBI Official Symbol	TADA2A
NCBI Official Synonym Symbols	ADA2; ADA2A; KL04P; hADA2; TADA2L
NCBI Protein Information	transcriptional adapter 2-alpha
UniProt Protein Name	Transcriptional adapter 2-alpha
UniProt Gene Name	TADA2A
UniProt Synonym Gene Names	TADA2L; ADA2-like protein

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ada2l-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/320981>