

Datasheet for ABIN6259764

anti-TADA2L antibody

3 Images

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Overview

Quantity:	100 µL
Target:	TADA2L (TADA2A)
Reactivity:	Human, Mouse, Rat, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TADA2L antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	A synthesized peptide derived from human ADA2L
Isotype:	IgG
Specificity:	ADA2L antibody detects endogenous levels of total ADA2L
Cross-Reactivity:	Human, Monkey, Mouse (Murine), Rat (Rattus)
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	TADA2L (TADA2A)
Alternative Name:	ADA2L (TADA2A Products)
Background:	Description: Component of the ATAC complex, a complex with histone acetyltransferase

Target Details

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).
Gene: TADA2A

Molecular Weight: 47kDa

Gene ID: 6871

UniProt: [O75478](#)

Pathways: [Chromatin Binding](#)

Application Details

Application Notes: WB: 1:500~1:3000, IF/ICC 1:100-1:500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

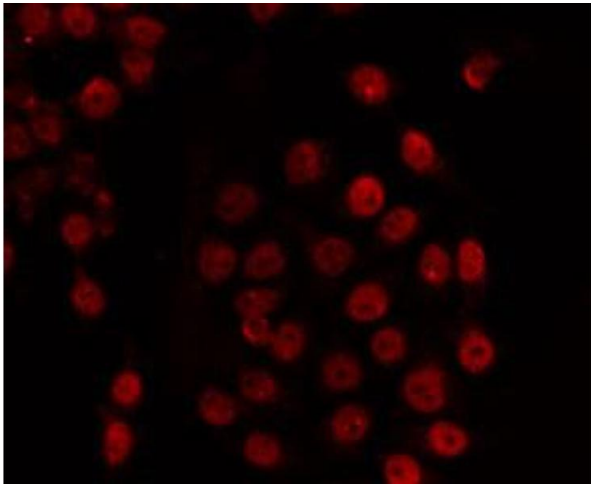
Preservative: Sodium azide

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

Storage: -20 °C

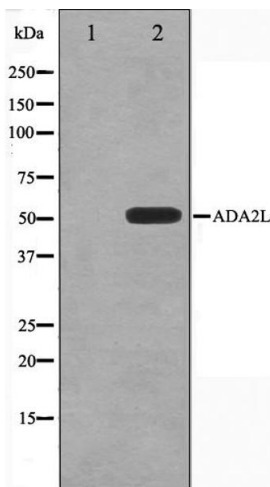
Storage Comment: Store at -20 °C.Stable for 12 months from date of receipt

Expiry Date: 12 months



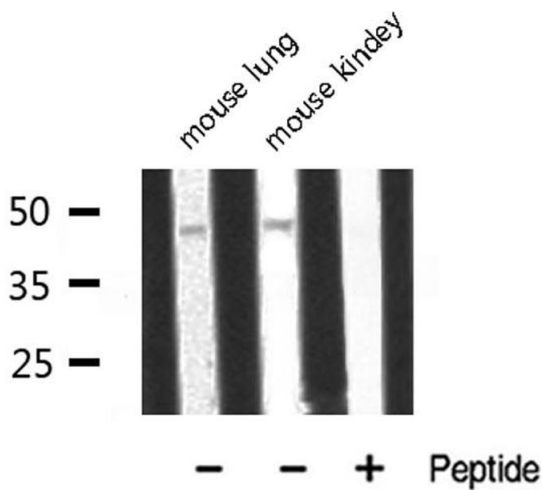
Immunofluorescence (fixed cells)

Image 1. ABIN6266725 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°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



Western Blotting

Image 2. Western blot analysis on COL0205 cell lysate using ADA2L Antibody,The lane on the left is treated with the antigen-specific peptide.



Western Blotting

Image 3. Western blot analysis of ADA2L expression in various lysates