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

# Anti-ADA2A Antibody

Catalog # AP51664

## Product Information

| | |
|---|---|
| **Application** | WB |
| **Primary Accession** | O75478 |
| **Reactivity** | Human, Mouse, Rat, Rabbit, Pig, Bovine, Dog, Mk |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 51506 |

## Additional Information

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|---|---|
| **Gene ID** | 6871 |
| **Other Names** | TADA2L; Transcriptional adapter 2-alpha; Transcriptional adapter 2-like; ADA2-like protein |
| **Target/Specificity** | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ADA2A. The exact sequence is proprietary. |
| **Dilution** | WB~~ 1:1000 |
| **Format** | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| **Storage** | Store at -20 °C.Stable for 12 months from date of receipt |

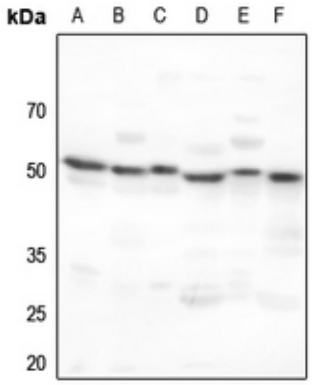
## Protein Information

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|---|---|
| **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 |

## References

Candau R.,et al.Mol. Cell. Biol. 16:593-602(1996).
Huang X.,et al.Submitted (JUN-1998) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Zody M.C.,et al.Nature 440:1045-1049(2006).
Ogryzko V.V.,et al.Cell 94:35-44(1998).

## Images




Western blot analysis of ADA2A expression in HEK293T (A), A375 (B), Hela (C), mouse liver (D), mouse kidney (E), rat liver (F) whole cell lysates. (Predicted band size: 51 kD; Observed band size: 51 kD)

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