

ADA2A Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51664**Specification**

ADA2A Antibody - Product Information

Application	WB
Primary Accession	O75478
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51 KDa
Antigen Region	211 - 270

ADA2A Antibody - Additional Information**Gene ID** 6871**Other Names**

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

Target/Specificity

KLH conjugated synthetic peptide derived from human ADA2A

Dilution

WB~~ 1:1000

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

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

ADA2A Antibody - 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}

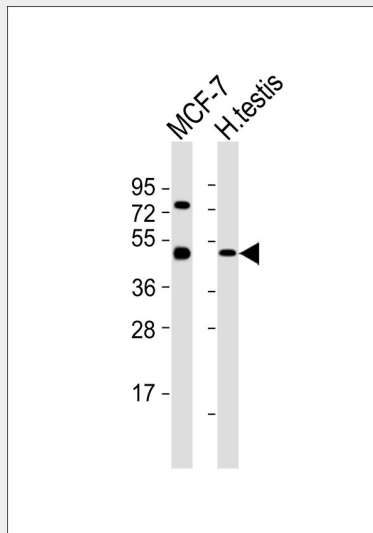
Tissue Location

Expressed in all tissues, but most abundantly in testis

ADA2A Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ADA2A Antibody - Images

All lanes : Anti-ADA2A Antibody at 1:1000 dilution Lane 1: MCF-7 whole cell lysates Lane 2: human testis lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 52 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

ADA2A Antibody - Background

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ADA2A Antibody - 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).