

# ADA2A Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51664

## Product Information

Application	WB
Primary Accession	<a href="#">O75478</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51506

## 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

## 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: <a href="#">22644376</a> ). May also promote XRCC6 acetylation thus facilitating cell apoptosis in response to DNA damage (PubMed: <a href="#">22644376</a> ).
Cellular Location	Nucleus. Chromosome {ECO:0000250 UniProtKB:Q8CHV6}
Tissue Location	Expressed in all tissues, but most abundantly in testis

## Background

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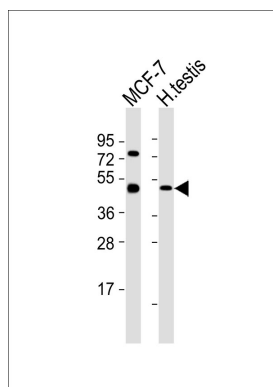
## References

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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

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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.

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