

ADAL Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13621b**Specification**

ADAL Antibody (C-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	Q6DHV7
Other Accession	NP_001012987.1 , NP_001152752.1
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	40264
Antigen Region	317-344

ADAL Antibody (C-term) - Additional Information**Gene ID** 161823**Other Names**

Adenosine deaminase-like protein, 354-, ADAL

Target/Specificity

This ADAL antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 317-344 amino acids from the C-terminal region of human ADAL.

Dilution

WB~~1:1000

IHC-P~~1:10~50

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ADAL Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ADAL Antibody (C-term) - Protein Information**Name** ADAL**Synonyms** ADAL1 {ECO:0000303|PubMed:21755941}

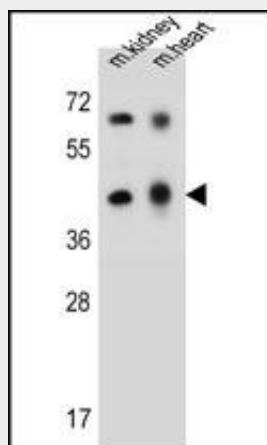
Function Catalyzes the hydrolysis of the free cytosolic methylated adenosine nucleotide N(6)-methyl-AMP (N6-mAMP) to produce inositol monophosphate (IMP) and methylamine (PubMed:[21755941](#), PubMed:[29884623](#)). Is required for the catabolism of cytosolic N6-mAMP, which is derived from the degradation of mRNA containing N6-methylated adenine (m6A) (PubMed:[21755941](#), PubMed:[29884623](#)). Catalyzes the removal of different alkyl groups not only from N6-substituted purine or 2-aminopurine nucleoside monophosphates but also from O6-substituted compounds in vitro (PubMed:[21755941](#)).

ADAL Antibody (C-term) - Protocols

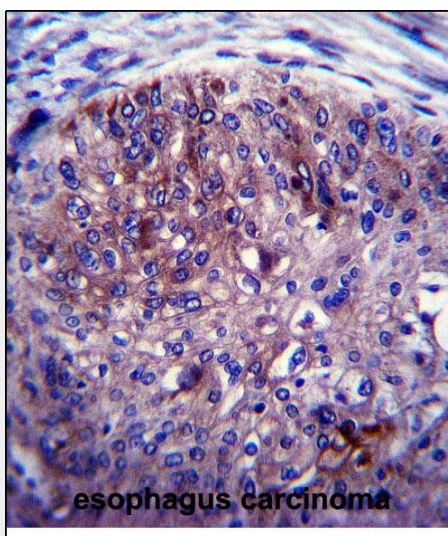
Provided below are standard protocols that you may find useful for product applications.

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

ADAL Antibody (C-term) - Images



ADAL Antibody (C-term) (Cat. #AP13621b) western blot analysis in mouse kidney, heart tissue lysates (35ug/lane). This demonstrates the ADAL antibody detected the ADAL protein (arrow).



ADAL Antibody (C-term) (Cat. #AP13621b) immunohistochemistry analysis in formalin fixed and paraffin embedded human esophagus carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of ADAL Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

ADAL Antibody (C-term) - Background

ADAL is a putative nucleoside deaminase. It may catalyze the hydrolytic deamination of adenosine or some similar substrate and play a role in purine metabolism (By similarity).

ADAL Antibody (C-term) - References

Strausberg, R.L., et al. Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903(2002)