

ADAL Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP13621b**Specification**

ADAL Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q6DHV7](#)**ADAL Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 161823**Other Names**

Adenosine deaminase-like protein, 354-, ADAL

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13621b was selected from the C-term region of ADAL. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ADAL Antibody (C-term) Blocking peptide - 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) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

ADAL Antibody (C-term) Blocking peptide - Images**ADAL Antibody (C-term) Blocking peptide - 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) Blocking peptide - References

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