

GADL1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP6509b**Specification**

GADL1 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q6ZQY3](#)**GADL1 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 339896**Other Names**

Acidic amino acid decarboxylase GADL1, Aspartate 1-decarboxylase, ADC, HuADC, Cysteine sulfinic acid decarboxylase, CSADC, HuCSADC, Glutamate decarboxylase-like protein 1, GADL1

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP6509b](/products/AP6509b) was selected from the C-term region of human GADL1. 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.

GADL1 Antibody (C-term) Blocking Peptide - Protein Information**Name** GADL1**Function**

May catalyze the decarboxylation of L-aspartate, 3-sulfino-L- alanine (cysteine sulfinic acid), and L-cysteate to beta-alanine, hypotaurine and taurine, respectively. Does not exhibit any decarboxylation activity toward glutamate.

Tissue Location

Expressed very weakly in neurons and not detected in astrocytes, brain or liver.

GADL1 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

GADL1 Antibody (C-term) Blocking Peptide - Images

GADL1 Antibody (C-term) Blocking Peptide - Background

GADL1 belongs to the group II decarboxylase family.