

**DDAH1 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP2898b****Specification**

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**DDAH1 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [O94760](#)**DDAH1 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 23576**Other Names**

N(G), N(G)-dimethylarginine dimethylaminohydrolase 1, DDAH-1, Dimethylarginine dimethylaminohydrolase 1, DDAH1, Dimethylargininase-1, DDAH1, DDAH

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP2898b](/products/AP2898b) was selected from the C-term region of human DDAH1. 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.

**DDAH1 Antibody (C-term) Blocking Peptide - Protein Information****Name** DDAH1 ([HGNC:2715](#))**Synonyms** DDAH**Function**

Hydrolyzes N(G),N(G)-dimethyl-L-arginine (ADMA) and N(G)- monomethyl-L-arginine (MMA) which act as inhibitors of NOS. Has therefore a role in the regulation of nitric oxide generation.

**Tissue Location**

Detected in brain, liver, kidney and pancreas, and at low levels in skeletal muscle.

**DDAH1 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **DDAH1 Antibody (C-term) Blocking Peptide - Images**

#### **DDAH1 Antibody (C-term) Blocking Peptide - Background**

DDAH1 plays a role in nitric oxide generation by regulating cellular concentrations of methylarginines, which in turn inhibit nitric oxide synthase activity.

#### **DDAH1 Antibody (C-term) Blocking Peptide - References**

Ellger,B., et.al., Endocrinology 149 (6), 3148-3157 (2008)