

Datasheet for ABIN1412446

anti-DDAH1 antibody (AA 201-285) (Cy5)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	DDAH1
Binding Specificity:	AA 201-285
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDAH1 antibody is conjugated to Cy5
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DDAH1
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Sheep,Pig,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	DDAH1
Alternative Name:	DDAH1 (DDAH1 Products)

Target Details

Background: Synonyms: DDAH, DDAH I, DDAH-1, DDAH1, DDAH1_HUMAN, DDAHI, Dimethylargininase 1, Dimethylargininase-1, Dimethylarginine dimethylaminohydrolase 1, NG, NG-dimethylarginine dimethylaminohydrolase 1, NG NG dimethylarginine dimethylaminohydrolase.

Background: DDAH, a dimethylarginine dimethylaminohydrolase, hydrolyzes dimethyl arginine (ADMA) and monomethyl arginine (MMA), both inhibitors of nitric oxide synthases, and may be involved in in-vivo modulation of nitric oxide production (1,2). Impairment of DDAH causes ADMA accumulation and a reduction in cGMP generation (3). DDAH II, the predominant DDAH isoform in endothelial cells, facilitates the induction of nitric oxide synthesis by all-trans-Retinoic acid (atRA) (4). DDAH proteins are highly expressed in colon, kidney, stomach and liver tissues (1).

Gene ID: 23576

UniProt: [O94760](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months