

Datasheet for ABIN1394557

anti-DDAH1 antibody (AA 201-285) (Biotin)[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 Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

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:	<p>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.</p> <p>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).</p>
Gene ID:	23576
UniProt:	O94760

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
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 for 12 months.
Expiry Date:	12 months