



[Go to Product page](#)

Datasheet for ABIN2785923

anti-DDAH1 antibody (Middle Region)

1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	DDAH1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig, Horse, Rabbit, Dog, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDAH1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human DDAH1
Sequence:	ALEKLQLNIV EMKDENATLD GGDVLFITGRE FVGLSKRTN QRGAEILADT
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against DDAH1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	DDAH1
---------	-------

Target Details

Alternative Name:	DDAH1 (DDAH1 Products)
Background:	<p>DDAH1 belongs to the dimethylarginine dimethylaminohydrolase (DDAH) family. This enzyme plays a role in nitric oxide generation by regulating cellular concentrations of methylarginines, which in turn inhibit nitric oxide synthase activity. This gene belongs to the dimethylarginine dimethylaminohydrolase (DDAH) gene family. The encoded enzyme plays a role in nitric oxide generation by regulating cellular concentrations of methylarginines, which in turn inhibit nitric oxide synthase activity. Sequence Note: AB001915.1 is a chimeric sequence. Only the DDAH1 region was propagated into this RefSeq record. [6/17/03, RefSeq staff]. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> <p>Alias Symbols: DDAH, FLJ21264, FLJ25539</p> <p>Protein Interaction Partner: PSMD10, IQCB1, ELAVL1, CALM1,</p> <p>Protein Size: 285</p>
Molecular Weight:	31 kDa
Gene ID:	23576
NCBI Accession:	NM_012137 , NP_036269
UniProt:	O94760

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 285 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Handling Advice: Avoid repeated freeze-thaw cycles.

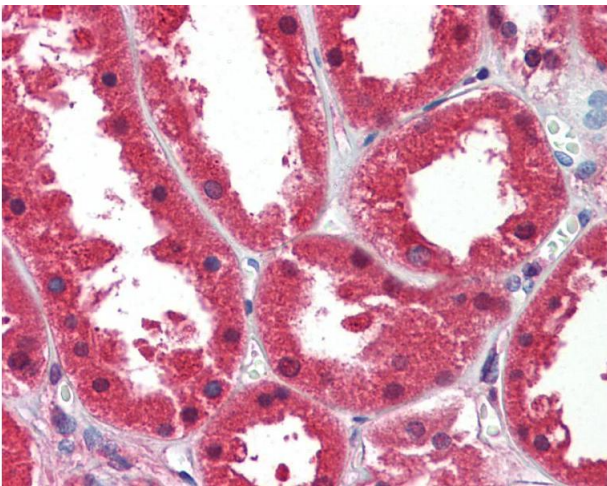
Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Carson, Cheung, Scherer: "Duplication and relocation of the functional DPY19L2 gene within low copy repeats." in: **BMC genomics**, Vol. 7, pp. 45, (2006) ([PubMed](#)).

Images



Immunohistochemistry

Image 1.