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## Datasheet for ABIN2787766 anti-DDAH2 antibody (N-Term)

1 Image

1 Publication



#### Overview

Quantity:	100 μL
Target:	DDAH2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Horse, Rabbit, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDAH2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human DDAH2
Sequence:	MGTPGEGLGR CSHALIRGVP ESLASGEGAG AGLPALDLAK AQREHGVLGG
Predicted Reactivity:	Cow: 93%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 79%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against DDAH2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	

Target:	DDAH2
Alternative Name:	DDAH2 (DDAH2 Products)

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## Target Details

Background:	DDAH2 hydrolyzes N(G),N(G)-dimethyl-L-arginine (ADMA) and N(G)-monomethyl-L-arginine
	(MMA) which act as inhibitors of NOS. DDAH2 has therefore a role in nitric oxide
	generation. 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.
	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.
	Alias Symbols: DDAH, DDAHII, G6a, NG30
	Protein Interaction Partner: VAC14, UBC, TRIP13, VCAM1, FN1, CDC73, TAF1D, ZAK, DNAJB11,
	GADD45G, RPS6KA5, TSC22D1, TNFSF11, MKNK1, TK1, STK3, SMN1, RPS6KA1, RAP1B, PIN1,
	RCC1, CDKN1A, CDK4, ATP1B1, ANXA7,
	Protein Size: 285
Molecular Weight:	31 kDa
Gene ID:	23564
NCBI Accession:	NM_013974, NP_039268
UniProt:	095865

## 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

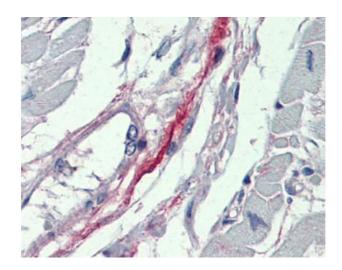
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained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

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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:	Wang, Huang, Liu: "[Nitrite content of common vegetables in Wuhu City]." in: Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke
	xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban, Vol. 16, Issue 1, pp. 189-92, (2005) (PubMed).

### Images



#### Immunohistochemistry

Image 1.