

Rabbit DDAH1 Polyclonal Antibody | anti-DDAH1 antibody

DDAH1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200436	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot, Immunohistochemistry

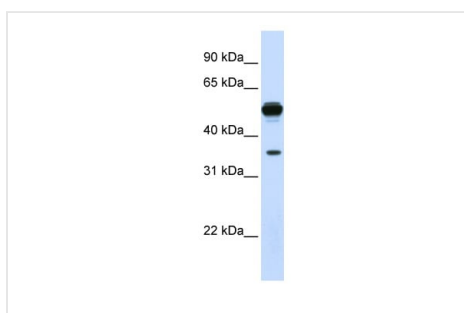
PRODUCT SYNONYMS

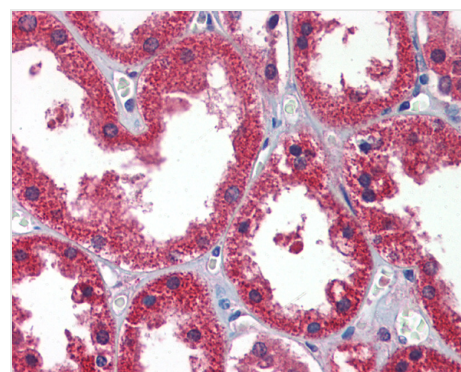
DDAH1; Polyclonal Antibody; DDAH1 antibody - middle region; anti-DDAH1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: AL EKLQLNIVEM KDENATLDGG DVLFTGREFF VGLSKRTNQR GAEILADT
Sequence Length	285
Applicable Applications for anti-DDAH1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human DDAH1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-DDAH1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: Human Liver

IHC (Immunohistochemistry)

Kidney

ADDITIONAL INFORMATION

Related Product Information for anti-DDAH1 antibody	This is a rabbit polyclonal antibody against DDAH1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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.
Product Categories/Family for anti-DDAH1 antibody	Polyclonal; Transcription Factor; Signal Proteins; Drugs and Drug Metabolism; Chromatin & Nuclear Signaling; Disease Related; DNA/RNA/Protein Interactions; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912328
NCBI GeneID	23576
NCBI Accession #	NP_036269
NCBI GenBank Nucleotide #	NM_012137
UniProt Accession #	O94760
Molecular Weight	31kDa
NCBI Official Full Name	N(G),N(G)-dimethylarginine dimethylaminohydrolase 1 isoform 1
NCBI Official Synonym Full Names	dimethylarginine dimethylaminohydrolase 1
NCBI Official Symbol	DDAH1
NCBI Official Synonym Symbols	DDAH; DDAHI; DDAH-1; HEL-S-16
NCBI Protein Information	N(G),N(G)-dimethylarginine dimethylaminohydrolase 1
UniProt Protein Name	N(G),N(G)-dimethylarginine dimethylaminohydrolase 1
UniProt Gene Name	DDAH1
UniProt Synonym Gene Names	DDAH; DDAH-1; Dimethylarginine dimethylaminohydrolase 1
UniProt Entry Name	DDAH1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.