

Rabbit DDAH2 Polyclonal Antibody | anti-DDAH2 antibody

DDAH2 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200837	Rabbit	Cow, Dog, Horse, Human, Mouse, Rabbit, Rat	Western Blot, Immunohistochemistry

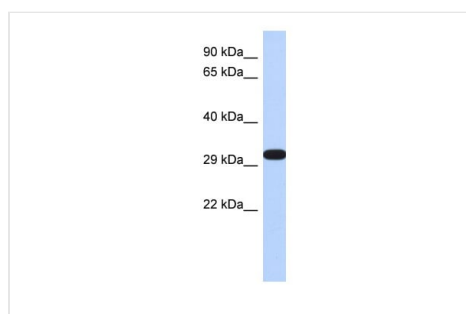
PRODUCT SYNONYMS

DDAH2; Polyclonal Antibody; DDAH2 antibody - N-terminal region; anti-DDAH2 antibody

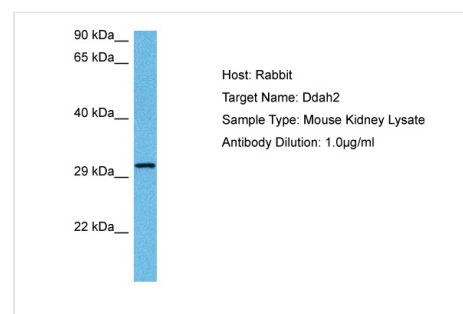
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Mouse, Rabbit, Rat
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: MG TPGEGLGRCS HALIRGVPE LASGEGAGAG LPALDLAKAQ REHGVLG
Sequence Length	285
Applicable Applications for anti-DDAH2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 93%; Dog: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 79%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human DDAH2
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.

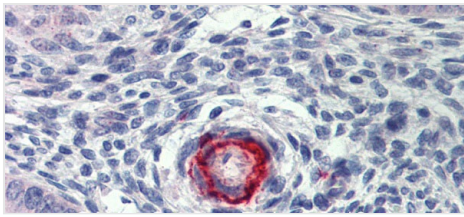
IMAGES


WB (Western Blot)

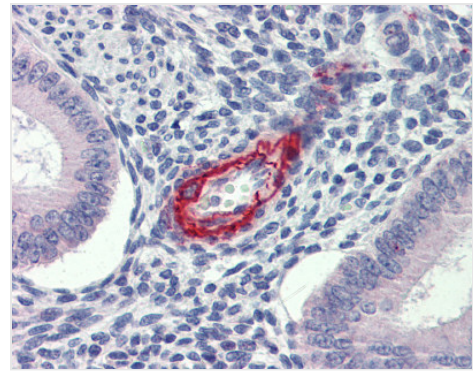
WB Suggested Anti-DDAH2 Antibody Titration: 1 ug/ml Positive Control: Fetal Brain Lysate


WB (Western Blot)

Host: Mouse Target Name: DDAH2 Sample Tissue: Mouse Kidney Antibody Dilution: 1ug/ml



IHC (Immunohistochemistry)
Immunohistochemistry with Human Uterus lysate tissue at an antibody concentration of 5.0ug/ml using anti-DDAH2 antibody



IHC (Immunohistochemistry)
Human Uterus

ADDITIONAL INFORMATION

Related Product Information for anti-DDAH2 antibody	This is a rabbit polyclonal antibody against DDAH2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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.
Product Categories/Family for anti-DDAH2 antibody	Polyclonal; Signal Proteins; Lymphocyte Signaling; Membrane Protein; Drugs and Drug Metabolism; Developmental Biology; Immunohistochemistry; Receptors

NCBI AND UNIPROT INFORMATION

NCBI GI #	7524354
NCBI GeneID	23564
NCBI Accession #	NP_039268
NCBI GenBank Nucleotide #	NM_013974
UniProt Accession #	O95865
Molecular Weight	31kDa
NCBI Official Full Name	N(G),N(G)-dimethylarginine dimethylaminohydrolase 2
NCBI Official Synonym Full Names	dimethylarginine dimethylaminohydrolase 2
NCBI Official Symbol	DDAH2
NCBI Official Synonym Symbols	G6a; DDAH; NG30; DDAHII; HEL-S-277
NCBI Protein Information	N(G),N(G)-dimethylarginine dimethylaminohydrolase 2
UniProt Protein Name	N(G),N(G)-dimethylarginine dimethylaminohydrolase 2
UniProt Gene Name	DDAH2
UniProt Synonym Gene Names	DDAH; G6A; NG30; DDAH-2; Dimethylarginine dimethylaminohydrolase 2
UniProt Entry Name	DDAH2_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.

