

Rabbit DDAH1 Polyclonal Antibody | anti-DDAH1 antibody

DDAH1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288163	Rabbit	Human, mouse (Predicted Reactivity: Bovine, Rat)	Immunofluorescence, Flow Cytometry, Functional Assay, Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

DDAH1; Polyclonal Antibody; DDAH1 Antibody (C-term); N(G); N(G)-dimethylarginine dimethylaminohydrolase 1; DDAH-1; Dimethylarginine dimethylaminohydrolase 1; DDAH1; Dimethylargininase-1; DDAH; anti-DDAH1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DDAH1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 221-250 amino acids from the C-terminal region of human DDAH1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	221-250
Sequence Length	182
Applicable Applications for anti-DDAH1 antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry), WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Confocal immunofluorescent analysis of DDAH1 Antibody (C-term) with HepG2 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



FCM/FACS (Flow Cytometry)

DDAH1 Antibody (C-term) flow cytometric analysis of 293 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)

Western blot analysis of DDAH1 Antibody (C-term) in mouse kidney tissue lysates (35ug/lane). DDAH1 (arrow) was detected using the purified Pab.



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded mouse kidney reacted with DDAH1 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

ADDITIONAL INFORMATION

Related Product Information for anti-DDAH1 antibody	DDAH1 plays a role in nitric oxide generation by regulating cellular concentrations of methylarginines, which in turn inhibit nitric oxide synthase activity.
Product Categories/Family for anti-DDAH1 antibody	Cardiovascular ; Neuroscience
References	Ellger,B., et.al., Endocrinology 149 (6), 3148-3157 (2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	197313763
NCBI GeneID	23576
NCBI Accession #	NP_001127917.1 ; NP_036269.1
NCBI GenBank Nucleotide #	NM_001134445.1
UniProt Accession #	O94760 ; Q5HYC8 ; Q86XK5
Molecular Weight	31122
NCBI Official Full Name	N(G),N(G)-dimethylarginine dimethylaminohydrolase 1 isoform 2
NCBI Official Synonym Full Names	dimethylarginine dimethylaminohydrolase 1
NCBI Official Symbol	DDAH1
NCBI Official Synonym Symbols	DDAH; 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ddah1-antibody-immunofluorescence-flow-cytometry-western-blot-immunohistochemistry-elisa/288163>