

DDAH1 Polyclonal Antibody

Catalog NumberPA5-35306

Product data sheet

Details		Species Reactivity	
Size	400 µL	Species reactivity	Human, Mouse
Host/Isotope	Rabbit / IgG	Published species	Human, Not Applicable
Class	Polyclonal	Tested Applications	
Type	Antibody	Flow Cytometry (Flow)	Dilution *1:10-1:50
Immunogen	KLH conjugated synthetic peptide between 221-250 amino acids from the C-terminal region of human DDAH1	Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:100
		Western Blot (WB)	1:1,000
Conjugate	Unconjugated	Immunocytochemistry (ICC/IF)	1:10-1:50
Form	Liquid	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Concentration	2 mg/mL		
Purification	Ammonium sulfate precipitation, Size-exclusion - Dialysis		
Storage buffer	PBS		
Contains	0.09% sodium azide		
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Product specific information

This antibody is predicted to react with bovine and rat based on sequence homology.

Background/Target Information

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.

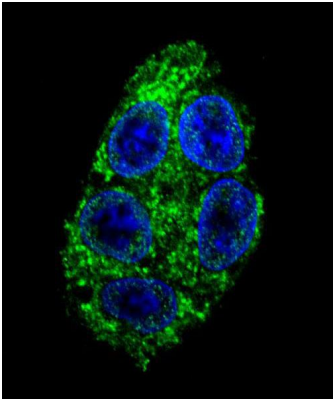
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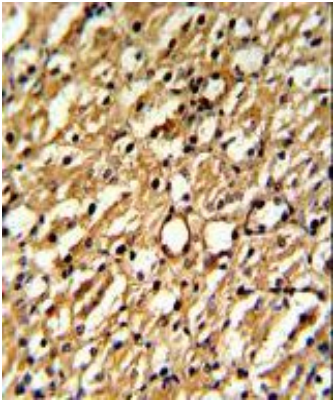
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Product Images For DDAH1 Polyclonal Antibody



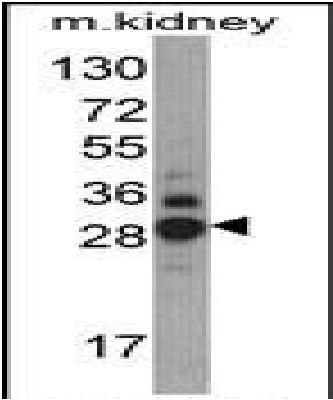
DDAH1 Antibody (PA5-35306) in ICC/IF

Immunofluorescent analysis of DDAH1 in HepG2 cells using a DDAH1 polyclonal antibody (Product # PA5-35306) followed by detection using a fluorescent conjugated secondary antibody (green). Nuclei were stained with Dapi (blue).



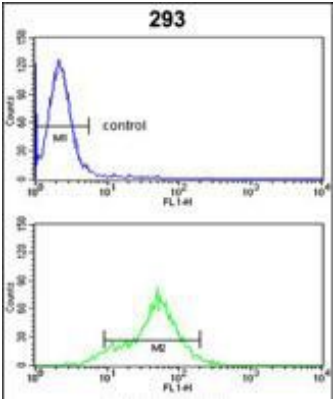
DDAH1 Antibody (PA5-35306) in IHC (P)

Immunohistochemistry analysis of DDAH1 in formalin-fixed, paraffin-embedded mouse kidney tissue using a DDAH1 polyclonal antibody (Product # PA5-35306) followed by DAB staining.



DDAH1 Antibody (PA5-35306) in WB

Western blot analysis of DDAH1 in mouse kidney tissue lysate (35 µg/lane) using a DDAH1 polyclonal antibody (Product # PA5-35306).



DDAH1 Antibody (PA5-35306) in Flow

Flow cytometry analysis of DDAH1 in 293 cells (bottom) compared to a negative control (top) using a DDAH1 polyclonal antibody (Product # PA5-35306) followed by detection using a FITC-conjugated goat-anti-rabbit secondary antibody.

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