

## ARG45478 anti-DDAH1 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes DDAH1
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	DDAH1
Species	Human
Immunogen	Synthetic peptide corresponding to C-terminal region of human DDAH1.
Conjugation	Un-conjugated
Alternate Names	Dimethylarginine dimethylaminohydrolase 1; DDAH1; G; DDAH; EC 3.5.3.18; N; Dimethylargininase-1; HEL-S-16; DDAH-1

### Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 <sup>6</sup> cells
	ICC/IF	2 µg/ml
	IHC-P	0.5-1 µg/ml
	WB	0.1-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	31 kDa, 37 kDa	

### Properties

Form	Liquid
Purification	Affinity purified
Buffer	0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

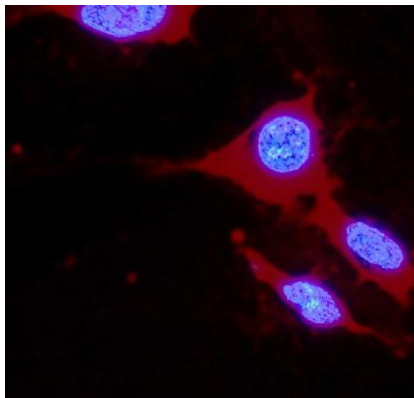
freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

**Note** For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

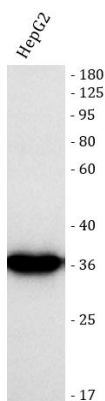
Gene Symbol	DDAH1
Gene Full Name	Dimethylarginine Dimethylaminohydrolase 1
Background	This gene belongs to the dimethylarginine dimethylaminohydrolase (DDAH) gene family. The encoded enzyme plays a role in nitric oxide generation by regulating cellular concentrations of methylarginines, which in turn inhibit nitric oxide synthase activity. [provided by RefSeq, Jul 2008]
Function	Hydrolyzes N(G),N(G)-dimethyl-L-arginine (ADMA) and N(G)-monomethyl-L-arginine (MMA) which act as inhibitors of NOS. Has therefore a role in the regulation of nitric oxide generation. [UniProt]
Calculated Mw	31 kDa
PTM	Acetylation; S-nitrosylation. [UniProt]

## Images



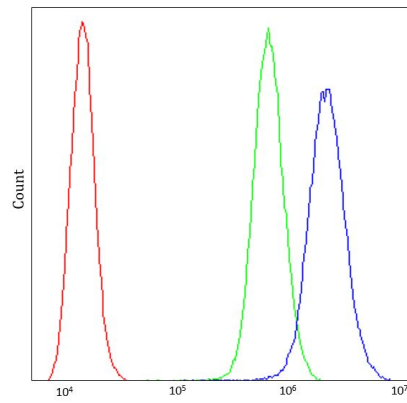
ARG45478 anti-DDAH1 antibody ICC/IF image

Immunofluorescence: U2OS stained with ARG45478 anti-DDAH1 antibody at 2 µg/ml dilution.



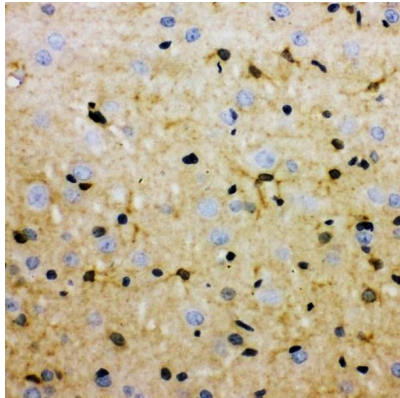
ARG45478 anti-DDAH1 antibody WB image

Western blot: HepG2 stained with ARG45478 anti-DDAH1 antibody at 0.5 µg/ml dilution.



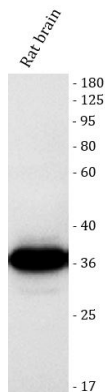
#### ARG45478 anti-DDAH1 antibody FACS image

Flow Cytometry: A431 stained with ARG45478 anti-DDAH1 antibody at  $1\ \mu\text{g}/10^6$  cells dilution.



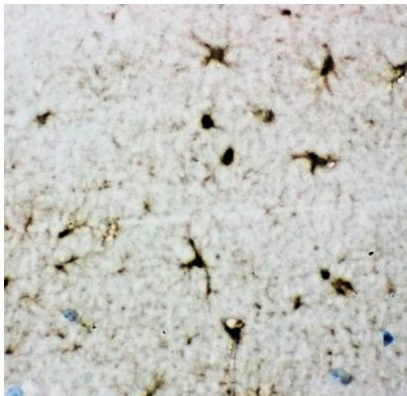
#### ARG45478 anti-DDAH1 antibody IHC-P image

Immunohistochemistry: Rat brain stained with ARG45478 anti-DDAH1 antibody at  $1\ \mu\text{g}/\text{ml}$  dilution.



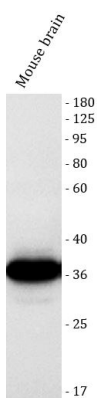
#### ARG45478 anti-DDAH1 antibody WB image

Western blot: Rat brain stained with ARG45478 anti-DDAH1 antibody at  $0.5\ \mu\text{g}/\text{ml}$  dilution.



#### ARG45478 anti-DDAH1 antibody IHC-P image

Immunohistochemistry: Mouse brain stained with ARG45478 anti-DDAH1 antibody at  $1\ \mu\text{g}/\text{ml}$  dilution.



#### ARG45478 anti-DDAH1 antibody WB image

Western blot: Mouse brain stained with ARG45478 anti-DDAH1 antibody at 0.5  $\mu\text{g/ml}$  dilution.