ARG55499
anti-DDAH2 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes DDAH2
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	DDAH2
Species	Human
Immunogen	Recombinant protein of Human DDAH2
Conjugation	Un-conjugated
Alternate Names	G6a; DDAH; NG30; DDAHII; HEL-S-277; N(G),N(G)-dimethylarginine dimethylaminohydrolase 2; DDAH-2; Dimethylarginine dimethylaminohydrolase 2; EC 3.5.3.18; DDAHII; Dimethylargininase-2; Protein G6a; S-phase protein

Application Instructions

Application table

Application	Dilution
ICC/IF	1:50 - 1:200
IHC-P	1:50 - 1:200
WB	1:500 - 1:2000

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Positive Control	BT474
Observed Size	~ 31 kDa

Properties

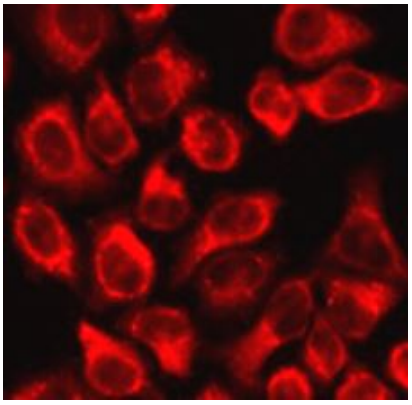
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. 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

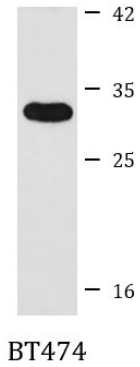
Gene Symbol	DDAH2
Gene Full Name	dimethylarginine dimethylaminohydrolase 2
Background	This gene encodes a dimethylarginine dimethylaminohydrolase. The encoded enzyme functions in nitric oxide generation by regulating the cellular concentrations of methylarginines, which in turn inhibit nitric oxide synthase activity. The protein may be localized to the mitochondria. Alternative splicing resulting in multiple transcript variants. [provided by RefSeq, Dec 2014]
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]
Research Area	Neuroscience antibody
Calculated Mw	30 kDa

Images



ARG55499 anti-DDAH2 antibody ICC/IF image

Immunofluorescence: HeLa cells stained with ARG55499 anti-DDAH2 antibody.



ARG55499 anti-DDAH2 antibody WB image

Western blot: BT474 cell lysate stained with ARG55499 anti-DDAH2 antibody.