

DDAH1 rabbit pAb

Catalog No :	YT6722
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	DDAH1
Gene Name :	DDAH1 DDAH
Protein Name :	DDAH1
Human Gene Id :	23576
Human Swiss Prot No :	O94760
Mouse Gene Id :	69219
Mouse Swiss Prot No :	Q9CWS0
Rat Gene Id :	64157
Rat Swiss Prot No :	O08557
Immunogen :	Synthesized peptide derived from human DDAH1 AA range: 115-165
Specificity :	This antibody detects endogenous levels of DDAH1 at Human/Mouse/Rat
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	31kD
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 :	catalytic activity:N(omega),N(omega)-dimethyl-L-arginine + H(2)O = dimethylamine + L-citrulline.,cofactor:Binds 1 zinc ion.,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 nitric oxide generation.,similarity:Belongs to the DDAH family.,subunit:Monomer.,
Subcellular Location :	mitochondrion,cytosol,extracellular exosome,
Expression :	Detected in brain, liver, kidney and pancreas, and at low levels in skeletal muscle.
Sort :	5045
No4 :	1
Host :	Rabbit
Modifications :	Unmodified

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