



DDAH1 mouse mAb

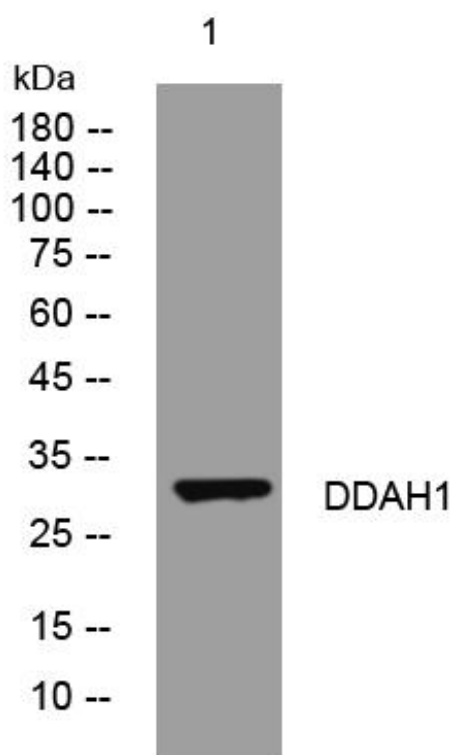
Catalog No	YP-mAb-11357
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	DDAH1 DDAH
Immunogen	Synthesized peptide derived from human DDAH1 AA range: 115-165
Specificity	This antibody detects endogenous levels of DDAH1 at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	DDAH;DDAH 1;DDAH1;DDAHI;Dimethylargininase 1;FLJ21264;FLJ25539;DDAH1 DDAH
Observed Band	
Calculated Molecular Weight	
Cell Pathway	mitochondrion,cytosol,extracellular exosome,
Tissue Specificity	Detected in brain, liver, kidney and pancreas, and at low levels in skeletal muscle.
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.,
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],

**matters needing attention**

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Western Blot analysis of various cells using DDAH1 mouse mAb