

## DDAH1 rabbit pAb

Catalog No: YT6722

**Reactivity:** Human; Mouse; Rat

**Applications:** WB

Target: DDAH1

Gene Name: DDAH1 DDAH

O94760

Q9CWS0

Protein Name: DDAH1

Human Gene ld: 23576

**Human Swiss Prot** 

No:

Mouse Gene Id: 69219

**Mouse Swiss Prot** 

No:

Rat Gene Id: 64157

Rat Swiss Prot No: 008557

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.

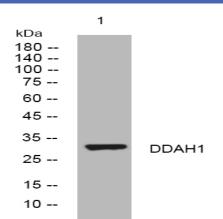
**Sort :** 5045

**No4**:

Host: Rabbit

Modifications: Unmodified

## **Products Images**



Western blot analysis of lysates from U2OS cells, primary antibody was diluted at 1:1000, 4° over night