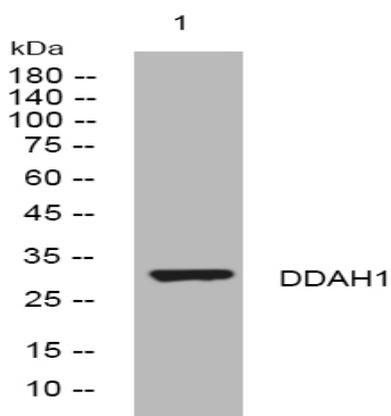


## DDAH1 rabbit pAb

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

<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Molecularweight :</b>	31kD
<b>Background :</b>	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],
<b>Function :</b>	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.,
<b>Subcellular Location :</b>	mitochondrion,cytosol,extracellular exosome,
<b>Expression :</b>	Detected in brain, liver, kidney and pancreas, and at low levels in skeletal muscle.

## Products Images



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