



# Anti-DDAH1 monoclonal antibody (DCABH-11235)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</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.
<b>Immunogen</b>	A synthetic peptide of human DDAH1 is used for rabbit immunization.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Western Blot (Transfected lysate); ELISA
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">DDAH1 dimethylarginine dimethylaminohydrolase 1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	DDAH1

<b>Synonyms</b>	DDAH1; dimethylarginine dimethylaminohydrolase 1; N(G),N(G)-dimethylarginine dimethylaminohydrolase 1; DDAH; DDAHI; DDAH-1; dimethylargininase-1; NG, NG-dimethylarginine dimethylaminohydrolase; FLJ21264; FLJ25539;
<b>Entrez Gene ID</b>	<a href="#">23576</a>
<b>Protein Refseq</b>	<a href="#">NP_001127917</a>
<b>UniProt ID</b>	<a href="#">B4E3V1</a>
<b>Chromosome Location</b>	1p22
<b>Function</b>	amino acid binding; catalytic activity; dimethylargininase activity; dimethylargininase activity; hydrolase activity; metal ion binding;