

## DDAH2 Conjugated Antibody

Catalog No: #C37522



Package Size: #C37522-AF350 100ul #C37522-AF405 100ul #C37522-AF488 100ul  
 #C37522-AF555 100ul #C37522-AF594 100ul #C37522-AF647 100ul  
 #C37522-AF680 100ul #C37522-AF750 100ul #C37522-Biotin 100ul

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## Description

Product Name	DDAH2 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total DDAH2 protein.
Immunogen Description	Synthetic peptide corresponding to residues near the N terminal of human dimethylarginine dimethylaminohydrolase 2
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	G6a; DDAH; NG30; DDAHII
Accession No.	Swiss-Prot#:O95865NCBI Gene ID:23564NCBI mRNA#:NCBI Protein#:NP_055993
Uniprot	O95865
GeneID	23564;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	30
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

## Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250  
 AF405 conjugated: most applications: 1: 50 - 1: 250  
 AF488 conjugated: most applications: 1: 50 - 1: 250  
 AF555 conjugated: most applications: 1: 50 - 1: 250  
 AF594 conjugated: most applications: 1: 50 - 1: 250  
 AF647 conjugated: most applications: 1: 50 - 1: 250  
 AF680 conjugated: most applications: 1: 50 - 1: 250  
 AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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## Background

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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.

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Note: This product is for in vitro research use only