

DDAH2 Conjugated Antibody

Catalog No: #C49823



Package Size: #C49823-AF350 100ul #C49823-AF405 100ul #C49823-AF488 100ul
 #C49823-AF555 100ul #C49823-AF594 100ul #C49823-AF647 100ul
 #C49823-AF680 100ul #C49823-AF750 100ul #C49823-Biotin 100ul

Orders: order@signalwayantibody.com
 Support: tech@signalwayantibody.com

Description

Product Name	DDAH2 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Synthetic peptide within Human DDAH2 aa 1-100
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	DDAH antibody DDAH II antibody DDAH-2 antibody DDAH2 antibody DDAH2_HUMAN antibody DDAHII antibody Dimethylargininase 2 antibody Dimethylargininase-2 antibody Dimethylarginine dimethylaminohydrolase 2 antibody Dimethylarginine dimethylaminohydrolase II antibody G6a antibody N(G),N(G)-dimethylarginine dimethylaminohydrolase 2 antibody NG dimethylarginine dimethylamino hydrolase homolog antibody NG30 antibody OTTHUMP00000029307 antibody OTTHUMP00000029310 antibody OTTHUMP00000174488 antibody OTTHUMP00000174489 antibody Protein G6a antibody S phase protein antibody S-phase protein antibody
Accession No.	Swiss-Prot#:O95865
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	30kDa
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

Background

DDAH, a dimethylarginine dimethylaminohydrolase, hydrolyzes dimethyl arginine (ADMA) and monomethyl arginine (MMA), both inhibitors of nitric oxide synthases, and may be involved in in-vivo modulation of nitric oxide production. Impairment of DDAH causes ADMA accumulation and a reduction in cGMP generation. DDAH II, the predominant DDAH isoform in endothelial cells, facilitates the induction of nitric oxide synthesis by all-trans-Retinoic acid (atRA). DDAH proteins are highly expressed in colon, kidney, stomach and liver tissues.

Note: This product is for in vitro research use only