

n-NOS (Phospho-Ser852) Conjugated Antibody

Catalog No: #C11975



Package Size: #C11975-AF350 100ul #C11975-AF405 100ul #C11975-AF488 100ul

#C11975-AF555 100ul #C11975-AF594 100ul #C11975-AF647 100ul

#C11975-AF680 100ul #C11975-AF750 100ul #C11975-Biotin 100ul

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Description

Product Name	n-NOS (Phospho-Ser852) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of n-NOS only when phosphorylated at serine 852.
Immunogen Description	Peptide sequence around phosphorylation site of serine 852(F-N-S(p)-V-S) derived from Human n-NOS .
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	bNOS;Constitutive NOS;IHPS1;N-NOS;NC-NOS
Accession No.	Swiss-Prot#:P29475NCBI Gene ID:4842NCBI mRNA#:NM_000620.4NCBI Protein#: NP_000611.1
Uniprot	P29475
GeneID	4842;
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	120 160
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

Product Description

Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

Background

Produces nitric oxide (NO) which is a messenger molecule with diverse functions throughout the body. In the brain and peripheral nervous system, NO displays many properties of a neurotransmitter. Probably has nitrosylase activity and mediates cysteine S-nitrosylation of cytoplasmic target proteins such SRR.

Note: This product is for in vitro research use only