

# Immunotag™ nNOS Antibody

Antibody Specification	
Catalog No.	ITA1302
Product Description	Immunotag™ nNOS Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	nNOS
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IF/ICC,ELISA
Recommended Dilution	WB 1:500-1:2000, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human nNOS
Specificity	nNOS Antibody detects endogenous levels of total nNOS
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	NOS1
Accession No.	P29475
Alternate Names	2310005C01Rik; BNOS; Constitutive NOS; EC 1.14.13.39; IHPS 1; IHPS1; N-NOS; NC-NOS; neuronal Nitric Oxide Synthase; Neuronal NOS; Nitric oxide synthase , neuronal, included; Nitric oxide synthase 1 (neuronal); Nitric oxide synthase 1; Nitric oxide synthase, brain; Nitric oxide synthase, penile neuronal, included; NNOS; NO; NOS 1; NOS; NOS type I; NOS-I; NOS1; NOS1_HUMAN; Peptidyl-cysteine S-nitrosylase NOS1;

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Description	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.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	125 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.