

Product datasheet for **TA325739**

iNOS (NOS2) Rabbit Polyclonal Antibody

Product data:

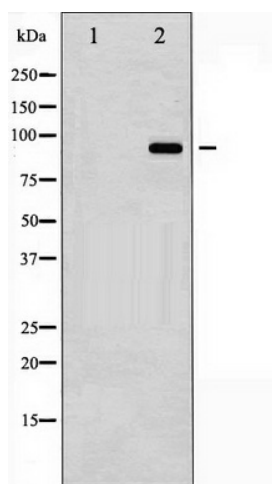
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	IHC: 1:50-1:200
Reactivity:	Human, Mouse, Rat
Modifications:	Phospho-specific
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The antiserum was produced against A synthesized peptide derived from human iNOS around the phosphorylation site of Tyrosine 151
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific peptide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	kDa
Gene Name:	nitric oxide synthase 2
Database Link:	NP_000616 Entrez Gene 18126 MouseEntrez Gene 24599 RatEntrez Gene 4843 Human P35228
Background:	iNOS Produces nitric oxide (NO) which is a messenger molecule with diverse functions throughout the body. In macrophages, NO mediates tumoricidal and bactericidal actions.
Synonyms:	HEP-NOS; INOS; NOS; NOS2A
Protein Families:	Druggable Genome



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Protein Pathways: Alzheimer's disease, Amyotrophic lateral sclerosis (ALS), Arginine and proline metabolism, Calcium signaling pathway, Long-term depression, Metabolic pathways, Pathways in cancer, Small cell lung cancer

Product images:



Western blot analysis of iNOS phosphorylation expression in whole cell lysates, The lane on the left is treated with the antigen-specific peptide.