Anti-iNOS Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P100142

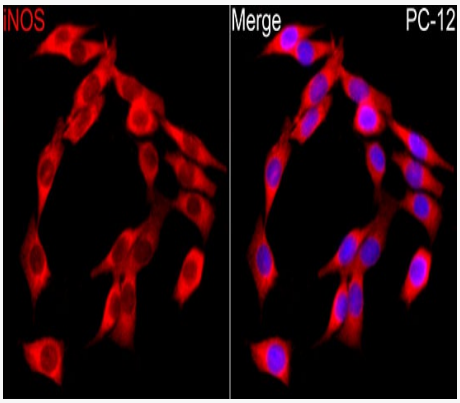
Product Information

Application	WB, ELISA
Reactivity	Human, Mouse
Dilution	WB 1:1000~1:2000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 974-1143 of human iNOS (NP_000616.3).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-iNOS Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	NOS; INOS; NOS2A; HEP-NOS; iNOS.
Calculated MW	Calculated MW: 131 kDa; Observed MW: Refer to figures
Uniprot ID	P35228
Gene ID	4843
Background	Nitric oxide is a reactive free radical which acts as a biologic mediator in several processes, including neurotransmission and antimicrobial and antitumoral activities. This gene encodes a nitric oxide synthase which is expressed in liver and is inducible by a combination of lipopolysaccharide and certain cytokines. Three related pseudogenes are located within the Smith-Magenis syndrome region on chromosome 17.

Validation Images



Immunofluorescence analysis of PC-12 cells using iNOS Rabbit pAb (P100142) at dilution of 1:100 (40× lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.