

Goat anti-NOS1 Antibody

Item Number	dAP-0046
Target Molecule	Principle Name: NOS1; Official Symbol: NOS1; All Names and Symbols: NOS1; nitric oxide synthase 1 (neuronal); NOS; neuronal nitric oxide synthase; PnNOS; penile neuronal nitric oxide synthase; penile neuronal NOS; IHPS1; nNOS; nitric oxide synthase 1, neuronal; Accession Number (s): NP_000611.1; NP_001191147.1; NP_001191142.1; Human Gene ID(s): 4842; Non-Human GeneID(s):
Immunogen	ESK KDTDEVFSS, is from C Terminus
Applications	Pep ELISA, WB, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Approx 160-170kDa band observed in Human Skeletal Muscle lysates (calculated MW of 161kDa according to NP_000611.1). Recommended concentration: 0.1-0.3µg/ml. Primary incubation 1 hour at room temperature. An additional band of unknown ident
IHC	Immunohistochemistry: Paraffin embedded Human Colon (Myenteric Plexus). Recommended concentration: 5µg/ml.
Reference	Reference(s): Fujisawa H, Ogura T, Kurashima Y, Yokoyama T, Yamashita J, Esumi H. Expression of two types of nitric oxide synthase mRNA in human neuroblastoma cell lines. J Neurochem 1994 Jul;63(1):140-5. PMID: 7515942->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**