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Datasheet for ABIN1495363
anti-NOS1 antibody (N-Term)

2 Images

Overview

Quantity:	50 µg
Target:	NOS1
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NOS1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Brand:	IHC-plus™
Immunogen:	A recombinant protein consisting of 195 amino acids from the N-terminal of rat nNOS protein. Type of Immunogen: Recombinant protein
Isotype:	IgG
Specificity:	Recognizes the ~160kD nNOS protein and does not exhibit any cross-reactivity with the related eNOS or iNOS proteins.
Purification:	Immunoaffinity purified

Target Details

Target:	NOS1
Alternative Name:	NOS1 / nNOS (NOS1 Products)
Background:	Name/Gene ID: NOS1 Synonyms: NOS1, BNOS, Constitutive NOS, IHPS1, NNOS, NC-NOS, Nitric oxide synthase, brain, N-NOS, Neuronal NOS, NOS, NOS type I, Nos, type i
Gene ID:	4842
UniProt:	P29475
Pathways:	Negative Regulation of Hormone Secretion, Myometrial Relaxation and Contraction

Application Details

Application Notes:	Approved: ELISA (0.1 - 1 µg/mL), IHC, IHC-Fr, IHC-P (5 µg/mL), WB (1 µg/mL) Usage: Suitable for use in ELISA, Western Blot and Immunohistochemistry. ELISA: 0.1-1.0 µg/mL. Western Blot: 1 µg/mL. Antibody reacts with a ~160 kD band on Western blots of rat and mouse brain tissue lysates (20 µg). Immunohistochemistry (paraffin): 5-10 µg/mL. Immunohistochemistry (frozen): 1-2 µg/mL.
Comment:	Target Species of Antibody: Rat
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.4, 0.1 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.

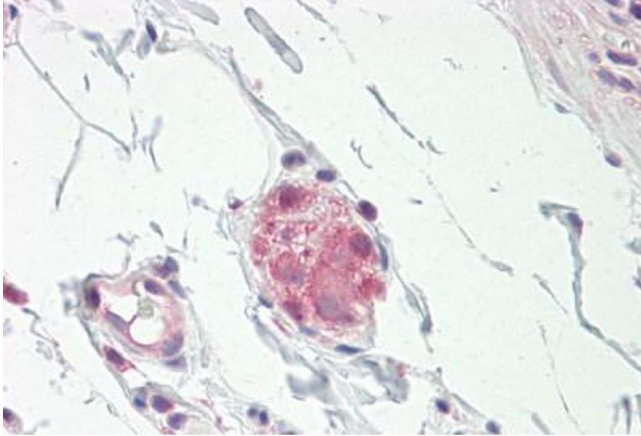
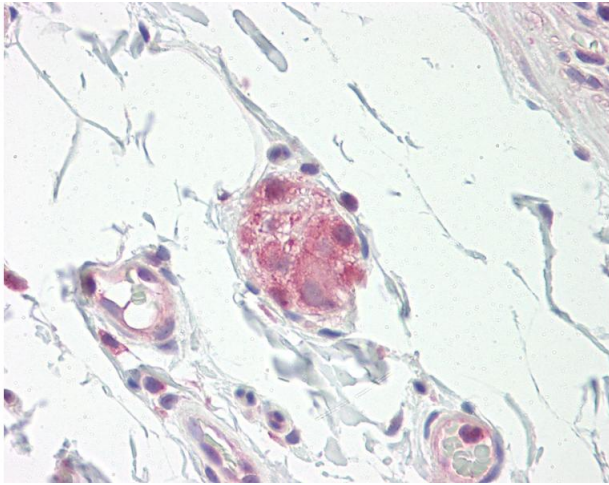


Image 1.



Immunohistochemistry

Image 2. Anti-NOS1 / nNOS antibody IHC staining of human small intestine, submucosal plexus. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.