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GOAT ANTI-NOS1 ANTIBODY

SKU: EB05259

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SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	nitric oxide synthase 1, neuronal|nNOS|IHPS1|penile neuronal NOS|penile neuronal nitric oxide synthase|PnNOS|neuronal nitric oxide synthase|NOS|nitric oxide synthase 1 (neuronal)|NOS1
Usage Summary	Immunofluorescence: Strong expression of the protein seen in the nuclei of HeLa and U2OS cells. Recommended concentration: 10µg/ml. Flow Cytometry: Flow cytometric analysis of HeLa cells. Recommended concentration: 10ug/ml.
Accession ID	NP_000611.1; NP_001191147.1; NP_001191142.1
Blocking Peptide	EBP05259
Immunogen	Peptide with sequence C-ESKKDTDEVFSS, from the C Terminus of the protein sequence according to NP_000611.1; NP_001191147.1; NP_001191142.1.
Peptide Sequence	C-ESKKDTDEVFSS
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Rat, Dog, Cow
Reactive Species	Human, Mouse
Human Gene ID	4842
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png
IHC Results	Cryosections of Human Hypothalamus. Recommended dilution range: 1:10000 - 1:40000.
ELISA Detection Limit	Antibody detection limit dilution 1:128000.
Western Blot	Approx. 160kDa band observed in Mouse Brain lysates (calculated MW of 160.5kDa according to NP_032738.1). Recommended concentration: 1-2µg/ml. Primary incubation 1 hour at room temperature.
Application Type	Pep-ELISA, WB, IHC, IF, FC

SELECTED REFERENCES

[{"pmid": 20140458, "intro": "**This antibody (previous batch) has been successfully used in IF on Mouse:**", "title": "Hyperpolarization-activated and cyclic nucleotide-gated channels are differentially expressed in juxtaglomerular cells in the olfactory bulb of mice.", "author": "Fried HU, Kaupp UB, Müller F.", "journal": "Cell Tissue Res. 2010 Mar;339(3):463-79."}]

DOCUMENTS

- Data Sheet

GALLERY IMAGES

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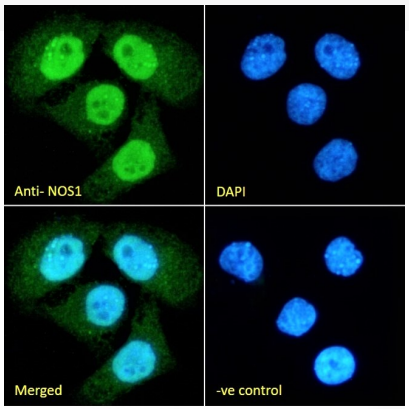

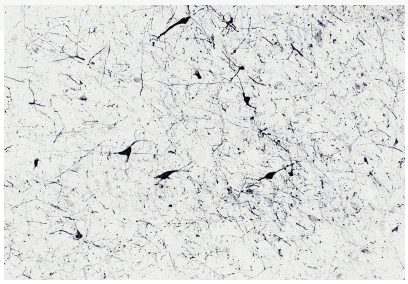

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