nNOS Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	nNOS, Polyclonal Antibody
Full Product Name	nNOS (MaxLight 490)
Product Gene Name	anti-nNOS antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse, Rat
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservatives added. Labeled with MaxLight490.
Purity/Purification	Purified by Immunoaffinity chromatography.
Specificity	Recognizes the ~160kD nNOS protein and does not exhibit any crossreactivity with the related eNOS or iNOS proteins. Species Crossreactivity: Reacts with a ~160kD band on Western Blots of rat and mouse brain tissue lysates (20ug).
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight490 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Immunogen	A recombinant protein consisting of 195 amino acids from the N-terminal of rat nNOS protein.
Conjugate	MaxLight490
Note	Preservative Free
Product Categories/Family for anti-nNOS antibody	Antibodies; Nitric Oxide
Applications Tested/Suitable for anti-nNOS antibody	Immunohistochemistry (IHC) Frozen/Paraffin, Western Blot (WB), FLISA
Application Notes for anti-nNOS antibody	IHC-F: 1-2ug/ml IHC-P: 5-10ug/ml. Some background staining is evident in paraffin embedded tissues WB: 1ug/ml FLISA: 0.1-1.0ug/ml Applications are based on unconjugated antibody.
Related Product Information for anti-nNOS antibody	MBS6490226 is an antibody targeting nNOS. Also known as nNOS (MaxLight 490). Reactive in Mouse, Rat. Host: Rabbit.
Product References and Citations for anti-nNOS antibody	1. Sessa, W.C. (1994) J. Vasc. Res. 31:131-143. 2. Snyder, S. (1995) Nature 377:196-197. 3. Lowenstein, C.L. et al. (1994) Annals of Int. Med.120:227-237 4. Nathan, C., et al. (1994) J. Biol. Chem. 269:13725-13728. 5. Sessa, W.C., et al. (1992) J. Biol. Chem. 267:15274-15276. 6. Sessa, W.C., et al. (1995) J. Biol. Chem. 270:17641-17644. 7. Huang, P.L. et al. (1995) Nature 377:239-242.
Other Notes	Small volumes of anti-nNOS antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for nNOS. It may not necessarily be applicable to this product.

Protein Family	Nitric oxide synthase
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