

Anti-NOS3 antibody (639-738) (STJ117269)

STJ117269

GENERAL INFORMATION

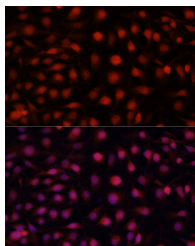
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

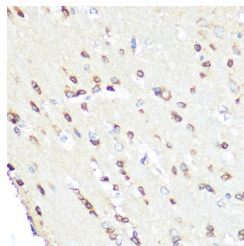
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

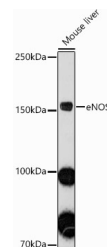
Gene ID	4846
Gene Symbol	NOS3
Uniprot ID	NOS3_HUMAN
Immunogen	
Immunogen Region	639-738
Specificity	A synthetic peptide corresponding to a sequence within amino acids 639-738 of human eNOS (NP_000594.2).
Immunogen Sequence	AGALGTLRFVFLGSRAYP HFCAFAVAVDTRLEELGGER LLQLGQGDELGGQEEAFRGW AQAAFQAACETFCVGEDAKA AARDIFSPKRSWKRQRYRLS



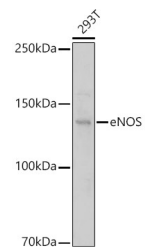
Immunofluorescence analysis of HUVEC cells using eNOS Rabbit polyclonal antibody (STJ117269) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of eNOS in paraffin-embedded rat brain using eNOS Rabbit polyclonal antibody (STJ117269) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of lysates from Mouse liver, using eNOS Rabbit polyclonal antibody (STJ117269) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 180s.



Western blot analysis of lysates from 293T cells, using eNOS Rabbit polyclonal antibody (STJ117269) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 180s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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