Anti-NOS1 antibody (STJ13100199)

STJ13100199

GENERAL INFORMATION

Product Type	Primary antibodies
Short Description	Nz White Rabbit polyclonal antibody anti-NOS1 is suitable for use in Immunohistochemistry and Western Blot research applications.
Applications	IHC, WB
Host/Source	NZ White Rabbit
Reactivity	Human, Mouse, Rat

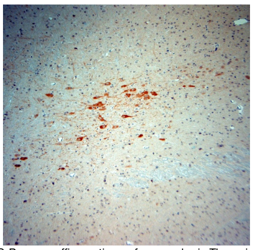
PRODUCT PROPERTIES

Clonality	Polyclonal
Clone ID	
Concentration	
Conjugation	Unconjugated
Purification	Whole serum
Dilution Range	A dilution of 1:1000 is recommended. The optimal dilution should be determined by the end user.
Formulation	Shipped as lyophilised. Reconstitute in 150 µl of sterile water. Centrifuge to remove any insoluble material.
Isotype	IgG
Storage Instruction	Maintain the lyophilised/reconstituted antibodies frozen at-20°C for long term storage and refrigerated at 2-8°C for a shorter term. When reconstituting, glycerol (1:1) may be added for an additional stability. Avoid freeze and thaw cycles.

TARGET INFORMATION

Gene ID	4842
Gene Symbol	NOS1
Uniprot ID	NOS1_HUMAN
Immunogen	A synthetic peptide from human NOS1 conjugated to blue carrier protein was used as the antigen. The peptide is homologous in mouse and shares 96% identity with rat's sequence.
Immunogen Region	
Specificity	Specific for NOS1.
Immunogen Sequence	

IHC-P on paraffin sections of mouse brain.The animal was perfused using Autoperfuser at a pressure of 130 mmHg with 300 ml 4% FA being processed for paraffin embedding. HIER: Tris-EDTA, pH 9 for 20 min using Thermo PT Module.Blocking: 0.2% LFDM in TBST filtered thru 0.2 um. Detection was done using Novolink HRP polymer from Leica following manufacturer's instructions; DAB chromogen. Primary antibody dilution 1: 1000, incubated 30 min at RT using Autostainer. Sections were counterstained with Harris Hematoxylin.



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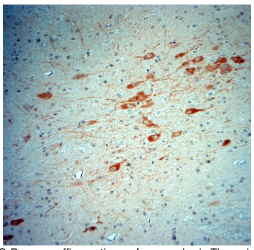

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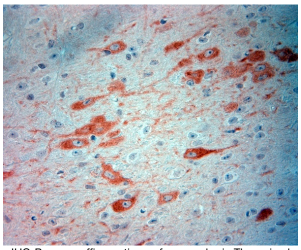

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