

Anti-NOS1 antibody (1-180) (STJ114661)

STJ114661

GENERAL INFORMATION

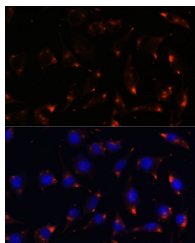
Product Type	Primary antibodies
Short Description	
Applications	WB/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Mouse/Rat

PRODUCT PROPERTIES

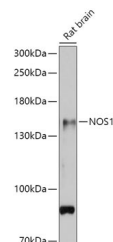
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:500-1:2000
Range	IF/CC:1:20-1:50
	ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

Gene ID	4842
Gene Symbol	NOS1
Uniprot ID	NOS1_HUMAN
Immunogen	
Immunogen Region	1-180
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-180 of human NOS1 (NP_000611.1).
Immunogen Sequence	MEDHMFVQGIQPNVISVRL FKRVGGLGFLVKERVSKPP VIISDLIRGGAAEQSGLIQA GDILAVNGRPLVDLSYDSA LEVLRGIASETHVVLIRGP EGFTTHLETTFTGDGTPKTI RVTQPLGPPTKAVDLSHQPP AGKEQPLAVDGA SGPGNGPQ HAYDDGQEAGSLPHANGLAP



Immunofluorescence analysis of L929 cells using NOS1 antibody (STJ114661) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western blot analysis of extracts of Rat brain, using NOS1 antibody (STJ114661) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ3000896) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5s.

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.
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081