

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

GENERAL INFORMATION

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

PRODUCT PROPERTIES

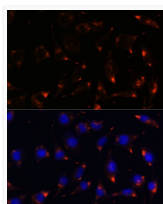
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/CC:1:20-1:50 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 161kDa Observed Mw: 150kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

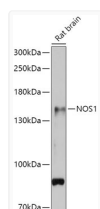
Gene ID	4842
Gene Symbol	NOS1
UniProt ID	NOS1_HUMAN
Immunogen Region	1-180
Immunogen Sequence	MEDHMFVQIQPNVISVRL FKRKVGGLGFLVKERVSKPP VIISDLIRGGAAEQSGLIQA GDIILAVNGRPLVDLSYDSA LEVLRGIASETHVVLILRGP EGFTTHLETTFTGDGTPKI RVTQPLGPPTKAVDLHQPP AGKEQPLAVDGDGSGPNGPQ HAYDDGQEAGSLPHANGLAP
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-180 of human NOS1 (NP_000611.1).

ADDITIONAL INFORMATION

Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



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) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5s.