

Anti-Phospho-NOS3-S1177 antibody (STJ110855)

STJ110855

GENERAL INFORMATION

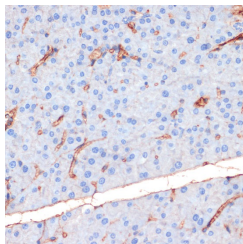
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

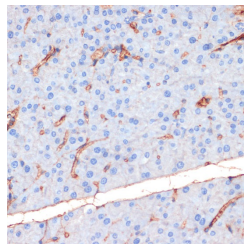
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% 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

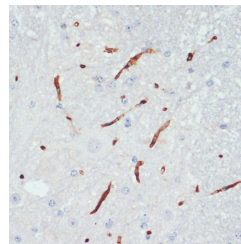
Gene ID	4846
Gene Symbol	NOS3
Uniprot ID	NOS3_HUMAN
Immunogen	TQSFSL
Immunogen Region	
Specificity	A synthetic phosphorylated peptide around S1177 of human eNOS (NP_000594.2).
Immunogen Sequence	TQSFSL



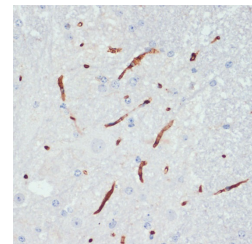
Western blot analysis of extracts of SKOV3 cells, using Phospho-eNOS-S1177 antibody (STJ110855). SKOV3 cells were treated by EGF. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% BSA.



Immunohistochemistry analysis of Phospho-eNOS-S1177 in paraffin-embedded mouse pancreas using Phospho-eNOS-S1177 Rabbit polyclonal antibody (STJ110855) at dilution of 1:200 (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 extracts of NIH/3T3 cells, using Phospho-eNOS-S1177 antibody (STJ110855) at 1:1000 dilution. NIH/3T3 cells were treated by EGF (100ng/mL) for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% BSA. Detection: ECL Enhanced Kit. Exposure time: 60s.



Immunohistochemistry analysis of Phospho-eNOS-S1177 in paraffin-embedded mouse spinal cord using Phospho-eNOS-S1177 Rabbit polyclonal antibody (STJ110855) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.

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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