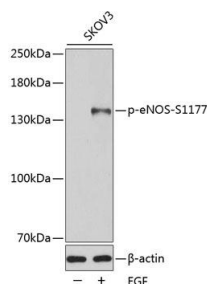


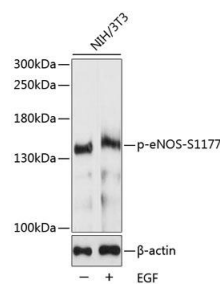
Cat. No:	ABP-0515
Conjugate:	Unconjugated
Size:	100 ug
Clone:	Poly
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	A synthetic phosphorylated peptide around S1177 of human eNOS.
Reactivity:	Hu, Ms
Applications:	Western Blot: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:200
Molecular Weight:	133 kDa
Purification:	Affinity purification
Synonyms:	NOS3;ECNOS;Enos

Background: Nitric oxide is a reactive free radical which acts as a biologic mediator in several processes, including neurotransmission and antimicrobial and antitumoral activities. Nitric oxide is synthesized from L-arginine by nitric oxide synthases. Variations in this gene are associated with susceptibility to coronary spasm. Alternative splicing and the use of alternative promoters results in multiple transcript variants.

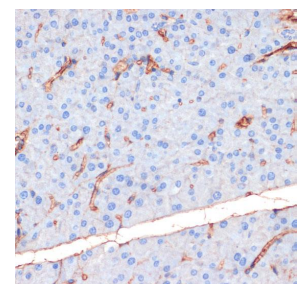
Form:	liquid
Buffer:	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Storage:	Store at -20°C, and avoid repeat freeze-thaw cycles.



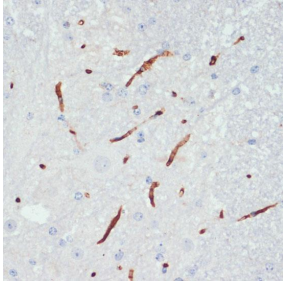
Western blot analysis of extracts of SKOV3 cells, using Phospho-eNOS S1177 antibody. SKOV3 cells were treated by EGF. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA.



Western blot analysis of extracts of NIH/3T3 cells, using Phospho-eNOS S1177 antibody 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: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL West Pico Plus. Exposure time: 60s.



Immunohistochemistry of paraffin embedded mouse pancreas using Phospho-NOS3-S1177 antibody at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin embedded mouse spinal cord using Phospho-NOS3-S1177 antibody at dilution of 1:200 (40x lens).

**For Research use only
IMMUNOLOGICAL SCIENCES**