

## Product datasheet for **TA379223**

### eNOS (NOS3) Rabbit Polyclonal Antibody

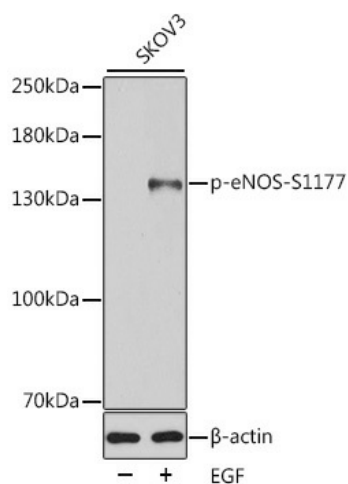
#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB,1:500 - 1:2000 IHC,1:50 - 1:200
Reactivity:	Human, Mouse
Modifications:	Phospho S1177
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic phosphorylated peptide around S1177 of human eNOS (NP_000594.2).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	67kDa/68kDa/133kDa
Gene Name:	nitric oxide synthase 3
Database Link:	<a href="#">Entrez Gene 4846 Human P29474</a>
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.
Synonyms:	cNOS; EC-NOS; ECNOS; eNOS; NOSIII

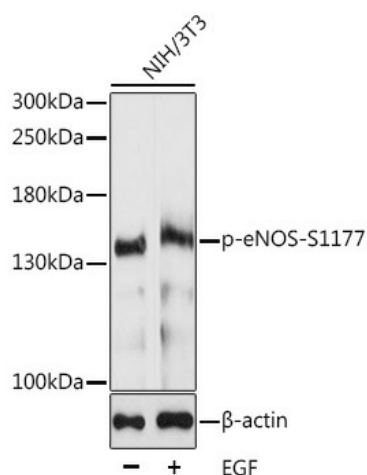


[View online »](#)

## Product images:



Western blot analysis of extracts of SKOV3 cells, using Phospho-eNOS-S1177 antibody (TA379223). 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 (TA379223) 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 Enhanced Kit. | Exposure time: 60s.