

A1548

Leader in Biomolecular Solutions for Life Science



eNOS Rabbit pAb

Catalog No.: A1548

20 Publications

Basic Information

Observed MW

140kDa

Calculated MW

133kDa

Category

Polyclonal Antibody

Applications

WB, IF/ICC, ELISA

Cross-Reactivity

Human, Mouse, Rat

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.

Recommended Dilutions

WB	1:500 - 1:1000
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID

4846

Swiss Prot

P29474

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1000-1203 of human eNOS (NP_000594.2).

Synonyms

eNOS; ECNOS

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

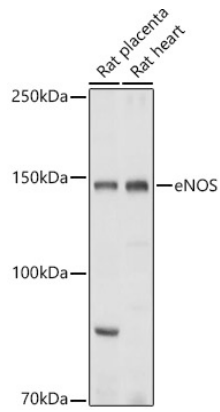
Affinity purification

Storage

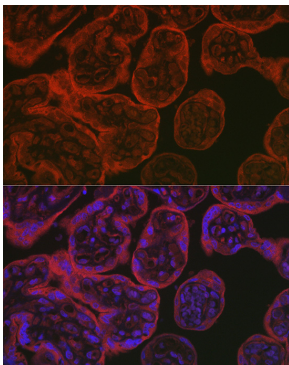
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using eNOS antibody (A1548) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.



Immunofluorescence analysis of human placenta cells using eNOS Rabbit pAb (A1548) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.