

eNOS Monoclonal Antibody(Mix)

Catalog # AP63385

Specification

eNOS Monoclonal Antibody(Mix) - Product Information

Application Primary Accession Reactivity Host Clonality WB <u>P29474</u> Human, Mouse, Rat Mouse Monoclonal

eNOS Monoclonal Antibody(Mix) - Additional Information

Gene ID 4846

Other Names NOS3; Nitric oxide synthase, endothelial; Constitutive NOS; cNOS; EC-NOS; Endothelial NOS; eNOS; NOS type III; NOSIII

Dilution WB~~WB: 1:500-2000

Format PBS, pH 7.4, containing 0.09% (W/V) sodium azide as Preservative and 50% Glycerol.

Storage Conditions -20°C

eNOS Monoclonal Antibody(Mix) - Protein Information

Name NOS3 (<u>HGNC:7876</u>)

Function

Produces nitric oxide (NO) which is implicated in vascular smooth muscle relaxation through a cGMP-mediated signal transduction pathway (PubMed:1378832). NO mediates vascular endothelial growth factor (VEGF)-induced angiogenesis in coronary vessels and promotes blood clotting through the activation of platelets.

Cellular Location

Cell membrane. Membrane, caveola. Cytoplasm, cytoskeleton. Golgi apparatus. Note=Specifically associates with actin cytoskeleton in the G2 phase of the cell cycle; which is favored by interaction with NOSIP and results in a reduced enzymatic activity

Tissue Location Platelets, placenta, liver and kidney.

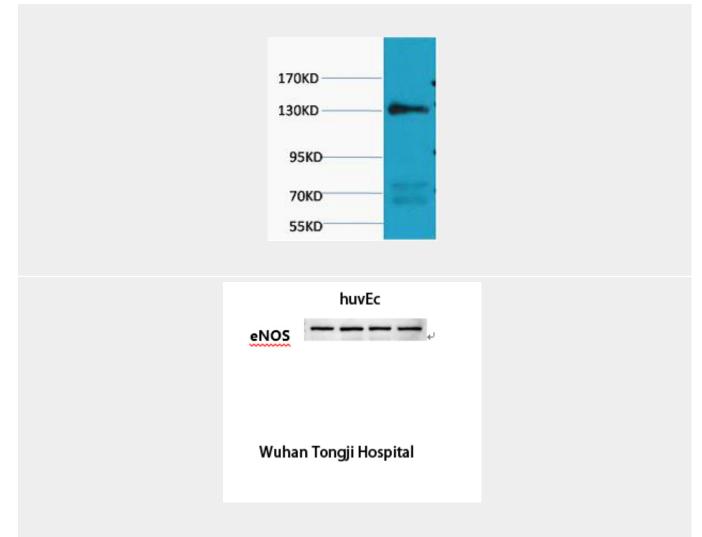


eNOS Monoclonal Antibody(Mix) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- <u>Blocking Peptides</u>
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

eNOS Monoclonal Antibody(Mix) - Images



eNOS Monoclonal Antibody(Mix) - Background

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