10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

eNOS Monoclonal Antibody(Mix)

Catalog # AP63385

Product Information

Application	WB
Primary Accession	P29474
Reactivity	Human, Mouse, Rat, Rabbit
Host	Mouse
Clonality	Monoclonal
Calculated MW	133275

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℃

Protein Information

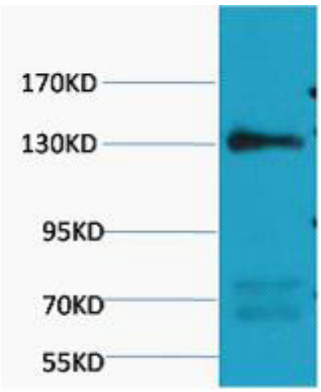
Name	NOS3 (HGNC:7876)
Function	Produces nitric oxide (NO) which is implicated in vascular smooth muscle relaxation through a cGMP-mediated signal transduction pathway (PubMed:1378832). NO mediates vascular endothelial growth factor (VEGF)-induced angiogenesis in coronary vessels and promotes blood clotting 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.

Background

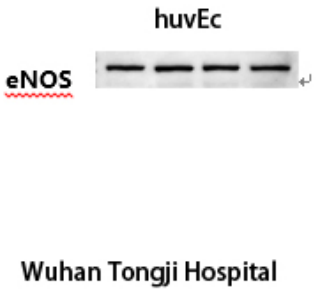
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(VEGF)-induced angiogenesis in coronary vessels and promotes blood clotting through the activation of platelets.

Images



Western blot analysis of Rat Heart Tissue, diluted at 1:1000.



The picture was kindly provided by our customer

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.