

Anti-eNOS Antibody

Catalog #	Source	Reactivity	Applications
CPA9156	Mouse	H, M, R	WB, IH
Description	Mouse monoclonal antibody to eNOS		
Immunogen	Recombinant protein corresponding to human eNOS.		
Purification			
Specificity	Recognizes endogenous levels of eNOS protein.		
Clonality	Monoclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/2000), IH (1/200 - 1/500)		
Gene Symbol	NOS3		
Alternative Names	Nitric oxide synthase endothelial; Constitutive NOS; cNOS; EC-NOS; Endothelial NOS; eNOS; NOS type III; NOSIII		
Entrez Gene	4846 (Human); 18127 (Mouse); 24600 (Rat)		
SwissProt	P29474 (Human); P70313 (Mouse); Q62600 (Rat)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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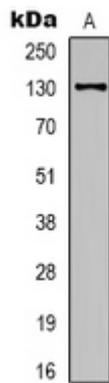
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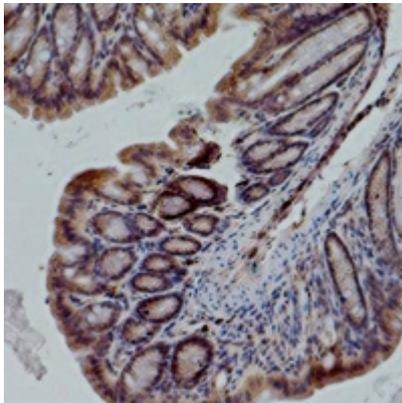
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Product Data Sheet



Western blot analysis of eNOS expression in rat heart (A) whole cell lysates. (Predicted band size: 133; 69 kD; Observed band size: 133 kD)



Immunohistochemical analysis of eNOS staining in mouse colon formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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