

Anti-eNOS Polyclonal Antibody 2

Product Details

Ig Type:	IgG
Reactivity:	Human,Rat (predicted:Mouse,Dog,Pig,Cow,Rabbit,GuineaPig)
Molecular Weight:	Theoretical: 133 kDa. Actual: 133 kDa.
Purification:	Protein A purified

Applications

1. Paraformaldehyde-fixed, paraffin embedded (Rat liver); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (eNOS) Polyclonal Antibody, Unconjugated (TMAB-00617) at 1:500 overnight at 4°C, followed by a conjugated secondary for 20 min and DAB staining.

2. Sample:

K562 (Human) Cell Lysate at 40 µg

Primary: Anti-eNOS (TMAB-00617) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 133 kDa

Observed band size: 133 kDa

Verified Activity:

3. Sample:

A431 Cell (Human) Lysate at 30 µg

Primary: Anti-eNOS (TMAB-00617) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 133 kDa

Observed band size: 133 kDa

4. Sample:

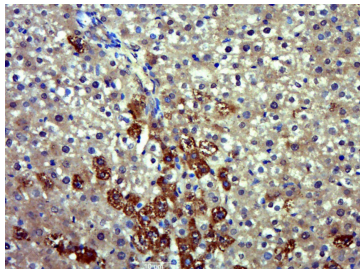
K562Cell (Human) Lysate at 30 µg

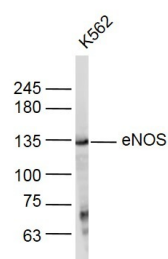
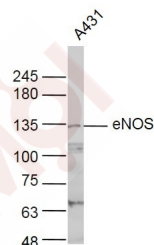
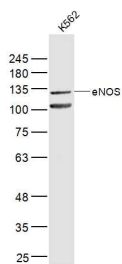
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Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 133 kDa

Observed band size: 133 kDa





Application: IF,IHC-Fr,IHC-P,WB

Recommended WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human eNos

Antigen Species: Human

Gene ID: 4846

Uniprot ID: P29474

Synonyms: NOS type III;NOS-3;NOS III;Nitric oxide synthase 3;Endothelial NOS;NOS 3;Endothelial nitric oxide synthase 3;Nitric oxide synthase 3 endothelial cell;nitric oxide synthase, endothelial; Nitric oxide synthase 3(endothelial cell);Constitutive NOS;cNOS;NOSIII;ecNOS;EC NOS;Nitric oxide synthase endothelial;NOS3;Endothelial nitric oxidase synthase

Biology Area: Response to hypoxia,Platelets,Nitric oxide associated,Oxidative Stress,Hypoxia,Oxidative stress, NOS

Research Background

Nitric oxide synthase NOS oxidizes a guanidine nitrogen of arginine releasing nitric oxide in the form of a free radical and citrulline. Nitric oxide thus generated acts as a messenger in diverse functions including vasodilation neurotransmission, anti tumor and anti pathogenic activities. NOS is classified under three types: neuronal NOS (nNOS) or brain NOS (bNOS); inducible NOS (iNOS) or macrophage NOS (mNOS); and endothelial NOS (eNOS).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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