

Anti-cGMP Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	(predicted:Species independent)
Molecular Weight:	Theoretical: 0.34521 kDa.
Purification:	Protein A purified

Applications

Application:	ELISA,IF,IHC-Fr,IHC-P
Recommended	IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500; ELISA: 1:5000-10000

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 cGMP
Synonyms:	Cyclic GMP;Cyclic guanosine monophosphate;Guanosine 3 5 Cyclic Monophosphate
Biology Area:	Other Kinases,cGMP

Research Background

Cyclic guanosine monophosphate (cGMP) serves as a second messenger in a manner similar to that observed with cAMP. Peptide hormones, such as the natriuretic factors, activate receptors that are associated with membrane-bound guanylate cyclase (GC). Receptor activation of GC leads to the conversion of GTP to cGMP. Nitric oxide (NO) also stimulates cGMP production by activating soluble GC, perhaps by binding to the heme moiety of the enzyme. Similar to cAMP, cGMP mediates most of its intracellular effects through the activation of specific cGMP dependent protein kinases (PKG).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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