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Datasheet for ABIN750742  
**anti-Cyclic GMP antibody (HRP)**

### Overview

Quantity:	100 µL
Target:	Cyclic GMP (cGMP)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cyclic GMP antibody is conjugated to HRP
Application:	ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	OVA conjugated cGMP
Isotype:	IgG
Specificity:	Due to the fact that BSA is used as the carrier, this antibody will cross-react with Albumin.
Cross-Reactivity:	Rat
Cross-Reactivity (Details):	cGMP
Purification:	Purified by Protein A.

### Target Details

Target:	Cyclic GMP (cGMP)
Alternative Name:	Cgmp ( <a href="#">cGMP Products</a> )
Target Type:	Chemical

## Target Details

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Background:	Synonyms: Cyclic GMP, Cyclic guanosine monophosphate, Guanosine 3 5 Cyclic Monophosphate. 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).
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## Application Details

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Application Notes:	IHC-P 1:100-500
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	Gentamicin sulfate
Precaution of Use:	This product contains Gentamicin sulfate: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months