



Anti-Intestinal Guanylat Cyclase (aa 248-262) polyclonal antibody (DPAB3196)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to IGC
Specificity	Synthetic human intestinal Guanylat Cyclase (aa 248-262)
Immunogen	Synthetic human intestinal Guanylat Cyclase (aa 248-262) poly Lysin conjugated
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB
Format	serum
Concentration	20 µl / 100 µl (lyophilized) resuspend in 20 µl / 100 µl aqua bidest
Preservative	None
Storage	2-8°C (lyophilized); - 20°C (dissolved) Repeated thawing and freezing must be avoided

BACKGROUND

Introduction	Guanylate Cyclase is an heterodimer of an alpha and a beta chain. Its enzymatic activity transforms GTP to GMP releasing a diphosphate. It binds 1 or 2 hemes per heterodimer. It is activated by nitric oxide in the presence of magnesium or manganese ions. There are two types of guanylate cyclase: soluble form and membrane-associated receptor form.
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Keywords

GC SB2; GCS BETA 2; Guanylate cyclase 1 soluble beta 2; Guanylate cyclase soluble beta 2 chain; GUCY1B2; Gucy1b2a; Gucy1b2b; SGC; IGC; intestinal Guanylat Cyclase

GENE INFORMATION

Entrez Gene ID

[25206](#)

UniProt ID
