

Product datasheet for **AP02108SU-S**

GUCY2C (248-262) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western blot: 1/100-1/1000.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic Human intestinal Guanylate Cyclase (aa 248-262) polyLysine-conjugated
Specificity:	This antibody detects synthetic intestinal Guanylate Cyclase (aa 248-262).
Formulation:	State: Serum State: Lyophilized serum
Reconstitution Method:	Restore in aqua bidest to initial volume.
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	guanylate cyclase 2C
Database Link:	Entrez Gene 2984 Human P25092
Background:	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.
Synonyms:	Heat-stable enterotoxin receptor, hSTAR, GUC2C, STAR, Guanylyl cyclase C, Intestinal guanylate cyclase, GC-C



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