

Product datasheet for **AP02287SU-S**

Gucy2g (1045-1057) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western Blot: 1/1000-1/2000.
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic rat Guanylate Cyclase 2G (aa 1045-1057) polyLysine-conjugated (EFTEEEAKVPEIL)
Specificity:	This antibody detects synthetic Rat Guanylat Cyclase 2G (aa 1045-1057). Other species not tested.
Formulation:	State: Serum State: Lyophilized Serum
Reconstitution Method:	Restore in aqua bidest to initial volume.
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C and reconstituted at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	guanylate cyclase 2G
Database Link:	Entrez Gene 245708 Rat P55205
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:	Guanylyl cyclase receptor G, Guanylate cyclase 2G, GC-G, ksGC



Note:

LocusID 25711