

Rabbit GCS-beta-2 Polyclonal Antibody | anti-GUCY1B2 antibody

GCS-beta-2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327517	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

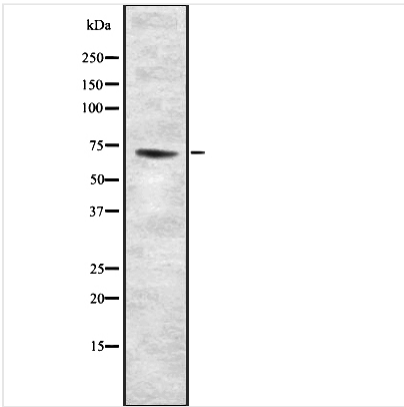
PRODUCT SYNONYMS

GCS-beta-2; Polyclonal Antibody; GCS-beta-2 Antibody; GC SB2; GCS beta 2; Guanylate cyclase 1 soluble beta 2; GUCY1B2; anti-GUCY1B2 antibody

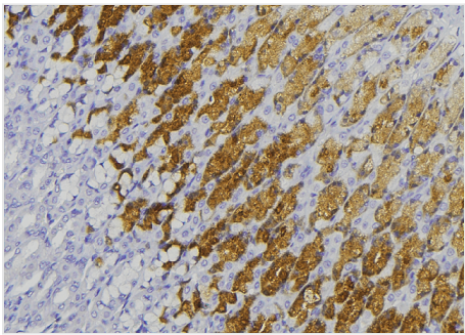
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	GCS-beta-2 antibody detects endogenous levels of total GCS-beta-2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	617
Applicable Applications for anti-GUCY1B2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human GCS-beta-2
Subcellular Location	Cytoplasmic
Tissue Specificity	Expressed in gastric signet ring cell carcinoma, but not in the normal stomach.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis GCS-beta-2 using COLO205 whole cell lysates



IHC (Immunohistochemistry)
AAA327517 at 1/100 staining Human gastric tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-GUCY1B2 antibody	Function: There are two types of guanylate cyclases: soluble forms and membrane-associated receptor forms. Subunit Structure: Heterodimer of an alpha and a beta chain. Similarity: Belongs to the adenylyl cyclase class-4/guanylyl cyclase family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14916977
UniProt Accession #	O75343; Q9NZ64
Molecular Weight	Observed: 70 kDa Predicted: 71 kDa
NCBI Official Full Name	Guanylate cyclase soluble subunit beta-2
UniProt Protein Name	Guanylate cyclase soluble subunit beta-2
UniProt Gene Name	GUCY1B2
UniProt Synonym Gene Names	GCS-beta-2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gcs-beta-2-antibody-immunohistochemistry-western-blot-elisa/327517>