

Datasheet for ABIN360701
anti-GUCY1B3 antibody (C-Term)



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Overview

Quantity:	0.4 mL
Target:	GUCY1B3
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human GUCY1B3.
Isotype:	Ig Fraction
Specificity:	This antibody reacts to GUCY1B3.
Purification:	Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS

Target Details

Target:	GUCY1B3
Alternative Name:	Guanylate Cyclase Soluble GUCY1B3 (GUCY1B3 Products)
Background:	Soluble guanylate cyclase (sGC), a heterodimeric protein consisting of an alpha and a beta subunit, catalyzes the conversion of GTP to the second messenger cGMP and functions as the

Target Details

	main receptor for nitric oxide and nitrovasodilator drugs.Synonyms: GCS-beta-1, GCS-beta-3, GUC1B3, GUCSB3, GUCY1B1, Guanylate cyclase soluble subunit beta-1, Guanylate cyclase soluble subunit beta-3, Soluble guanylate cyclase small subunit, sGC beta
Gene ID:	2983, 9606
UniProt:	Q02153
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	ELISA: 1/1,000. Western blotting: 1/100 - 1/500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at-20 °C for longer.

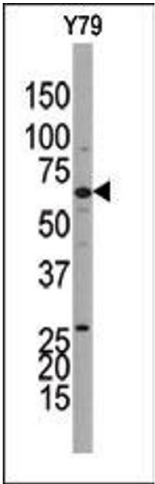


Image 1.