

Datasheet for ABIN2458977
anti-GUCY1B3 antibody[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	GUCY1B3
Reactivity:	Human, Mouse, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GUCY1B3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human GUCY1B3.
Purification:	Antibody is purified by peptide affinity chromatography method.

Target Details

Target:	GUCY1B3
Alternative Name:	GUCY1B3 (GUCY1B3 Products)
Background:	Soluble guanylate cyclase (sGC), a heterodimeric protein consisting of an alpha subunit and a beta subunit, typically GUCY1B3, catalyzes conversion of GTP to the second messenger cGMP and functions as the main receptor for nitric oxide (NO) and nitrovasodilator drugs (Zabel et al., 1998 [PubMed 9742212]). Soluble guanylate cyclase (sGC), a heterodimeric protein consisting of an alpha subunit and a beta subunit, typically GUCY1B3, catalyzes conversion of GTP to the

Target Details

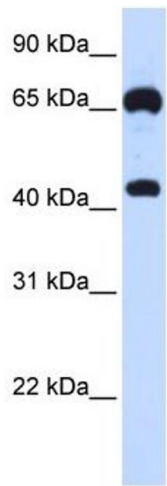
	second messenger cGMP and functions as the main receptor for nitric oxide (NO) and nitrovasodilator drugs (Zabel et al., 1998 [PubMed 9742212]).
Molecular Weight:	70 kDa
Gene ID:	2983
NCBI Accession:	NP_000848
UniProt:	Q02153
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	GUCY1B3 antibody can be used for detection of GUCY1B3 by ELISA at 1:12500. GUCY1B3 antibody can be used for detection of GUCY1B3 by western blot at 1 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.
Concentration:	1 mg/mL
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store GUCY1B3 antibody at -20 °C.



Western Blotting

Image 1.