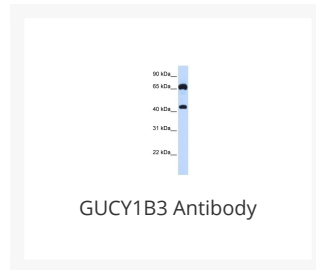




GUCY1B3 Antibody

Cat. No.: 26-093



Ψ Specifications

HOST SPECIES:	Rabbit
SPECIES REACTIVITY:	Dog, Human, Mouse
IMMUNOGEN:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human GUCY1B3.
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	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.
POSITIVE CONTROL:	1) 293T Cell Lysate
PREDICTED MOLECULAR WEIGHT:	70 kDa

Ψ Properties

PURIFICATION:	Antibody is purified by peptide affinity chromatography method.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated
PHYSICAL STATE:	Liquid

BUFFER:	Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
CONCENTRATION:	batch dependent
STORAGE CONDITIONS:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store GUCY1B3 antibody at -20 °C. As with any antibody avoid repeat freeze-thaw cycles.

Additional Info

OFFICIAL SYMBOL:	GUCY1B3
ALTERNATE NAMES:	GUCY1B3, GC-S-beta-1, GC-SB3, GUC1B3, GUCB3, GUCSB3, GUCY1B1
ACCESSION NO.:	NP_000848
PROTEIN GI NO.:	4504215
GENE ID:	2983
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.

Background and References

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 second messenger cGMP and functions as the main receptor for nitric oxide (NO) and nitrovasodilator drugs (Zabel et al., 1998 [PubMed 9742212]).
REFERENCES:	1) Slavov, D., (2006) Int. J. Impot. Res. 18 (5), 432-437.

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