

Rabbit GUCY1B1 Polyclonal Antibody | anti-GUCY1B1 antibody

GUCY1B1 Antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199641	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot

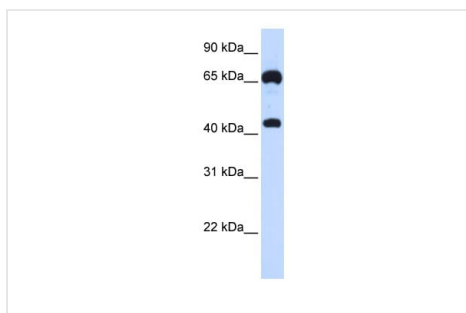
PRODUCT SYNONYMS

GUCY1B1; Polyclonal Antibody; GUCY1B1 Antibody - N-terminal region; anti-GUCY1B1 antibody

PRODUCT SPECIFICATIONS

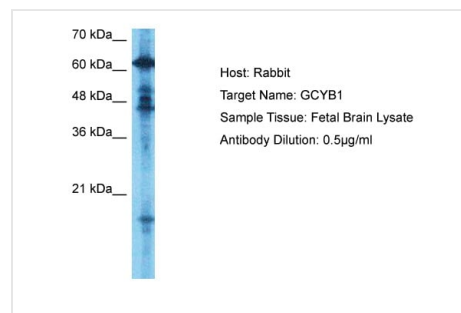
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: LI EEKESKEEDF YEDLDRFEEN GTQESRISPY TFCKAFPFHI IFDRDLVV
Sequence Length	619
Applicable Applications for anti-GUCY1B1 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 92%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human GUCY1B3
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-GUCY1B3 Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:12500
 Positive Control: 293T cell lysate
 GUCY1B3 is supported by BioGPS gene expression data to be expressed in HEK293T



WB (Western Blot)

Host: Rabbit
 Target Name: GUCY1
 Sample Type: Fetal Brain lysates
 Antibody Dilution: 0.5ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-GUCY1B1 antibody	This is a rabbit polyclonal antibody against GUCY1B3. It was validated on Western Blot using a cell lysate as a positive control. Target Description: This gene encodes the beta subunit of the soluble guanylate cyclase (sGC), which catalyzes the conversion of GTP (guanosine triphosphate) to cGMP (cyclic guanosine monophosphate). The encoded protein contains an HNOX domain, which serves as a receptor for ligands such as nitric oxide, oxygen and nitrovasodilator drugs. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-GUCY1B1 antibody	Polyclonal; Lymphocyte Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504215
NCBI GeneID	2983
NCBI Accession #	NP_000848
NCBI GenBank Nucleotide #	NM_000857
UniProt Accession #	Q02153
Molecular Weight	70kDa
NCBI Official Full Name	guanylate cyclase soluble subunit beta-1 isoform 2
NCBI Official Synonym Full Names	guanylate cyclase 1 soluble subunit beta 1
NCBI Official Symbol	GUCY1B1
NCBI Official Synonym Symbols	GUCB3; GC-SB3; GUC1B3; GUCSB3; GUCY1B3; GC-S-beta-1
NCBI Protein Information	guanylate cyclase soluble subunit beta-1
UniProt Protein Name	Guanylate cyclase soluble subunit beta-1
UniProt Gene Name	GUCY1B3
UniProt Synonym Gene Names	GUC1B3; GUCSB3; GUCY1B1; GCS-beta-1; GCS-beta-3
UniProt Entry Name	GCYB1_HUMAN

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.