

DNAxPAb

Hard-to-Find
Antibody

GUCY1B3 DNAxPAb

Catalog # H00002983-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human GUCY1B3 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MYGFVNHALELLVIRNYGPEVWEDIKKEAQLDEEGQFLVRIYDDSKTYDLVAAASKVLNLNAGEIL QMFGKMFFVFCQESGYDTILRVLGSNVREFLQNLDAHDHLATYPGMRAPSFRCDAEKGKGLIL HYYSEREGLQDMVIGIKTVAQQIHGTEIDMKVIQQRNEECDHTQFLIEEKESKEEDFYEDLDRFEEN GTQESRISPYTFCKAFPFHIIIFDRDLVVTQCGNAYRVLPQLQPGNCSLLSVFSLVRPHIDISFHGILS HINTVFVLRKEGLLDVEKLECEDELTGTEISCLRLKGQMYLPEADSILFLCSPSVMNLDDLTRRG LYLSDIPLHDATRDVLVLLGEQFREEYKLTQEILEILDRLQLTLRALEDEKKKTDLLYSVLPPSVANE LRHKRPVPAKRYDNVTILFSGIVGFNAFCSKHASGEGAMKIVNLLNDLYTRFDLTDNRKNPFVYK VETVGDKYMTVSGLPEPCIHHARSICHLALDMMEIAGQVQVDGESVQITIGHTGEVVTGVIGQRMP RYCLFGNTVNLTSRTETTGEKGKINVSEYTYRCLMSPENSDPQFHLEHRGPVSMKGKKEPMQVW FLSRKNTGTEETKQDDD
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — GUCY1B3

Entrez GeneID [2983](#)

GeneBank Accession# [NM_000857.1](#)

Protein Accession# [NP_000848.1](#)

Gene Name GUCY1B3

Gene Alias GC-S-beta-1, GC-SB3, GUC1B3, GUCB3, GUCSB3, GUCY1B1

Gene Description guanylate cyclase 1, soluble, beta 3

Omim ID [139397](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]).[supplied by OMIM]

Other Designations -

Pathway

- [Gap junction](#)
- [Long-term depression](#)
- [Purine metabolism](#)
- [Vascular smooth muscle contraction](#)