

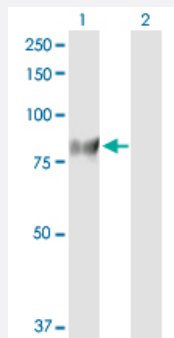
MaxPab®

GUCY1A3 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00002982-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of GUCY1A3 expression in transfected 293T cell line ([H00002982-T01](#)) by GUCY1A3 MaxPab polyclonal antibody.

Lane 1: GUCY1A3 transfected lysate(77.50 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human GUCY1A3 protein.
Immunogen	GUCY1A3 (AAH28384.1, 1 a.a. ~ 690 a.a) full-length human protein.
Sequence	MFCTKLKDLKITGECPFSLAPGQVPNESSEEAAGSSECKATMPICQDIPEKNIQESLPQRKTSR SRVYLHTLAESICKLIFPEFERLNVALQRTLAKHKIKESRKSLEREDFEKTIAEQAVAAGVPVEVIKE SLGEEVFKICYEEDENILGVVGGTLKDFLNSFSTLLKQSSHQCQAGKRGRLEDASILCLDKEDDFL HVYYFFPKRTTSLILPGIHKAAAHVLYETEVEVSLMPPCFHNDCESEFVNQPYLLYSVHMKSTKPSLS PSKPQSSSLVIPTSLFCKTFPFHFMFDKDMTILQFGNGIRRLMNRRDFQGKPNFEEYFEILTPKINQT FSGIMTMLNMQFVVRVRRWDNSVKKSSRVMDLKGQMIYVESSAILFLGSPCVDRLDFTGRGLY LSDIPIHNALRDVVLIGEQAQAQDGLKKRLGKLKATLEQAHQALEEEKKKTVDLLCSIFPCEVAQQ LWQGQVVQAKKFSNVTMLFSDIVGFTAICSQCSPLQVITMLNALYTRFDQQCGELDVYKVTIGDA YCVAGGLHKESDTHAVQIALMAVKMMELSDVEMSPHGEPIKMRIGLHSGSVFAGVVGKMPRYC LFGNNVTLANKFESCSVPRKINVSPPTYRLLKDCPGFVFTPRSREELPPNFPSEIPGICHFLDAYQ QGTNSKPCFQKKDVEDGNANFLGKASGID
Host	Rabbit
Reactivity	Human
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)

Western Blot analysis of GUCY1A3 expression in transfected 293T cell line ([H00002982-T01](#)) by GUCY1A3 MaxPab polyclonal antibody.

Lane 1: GUCY1A3 transfected lysate(77.50 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — GUCY1A3

Entrez GeneID[2982](#)**GeneBank Accession#**[BC028384](#)**Protein Accession#**[AAH28384.1](#)**Gene Name**

GUCY1A3

Gene Alias

GC-SA3, GUC1A3, GUCA3, GUCSA3, GUCY1A1

Gene Description

guanylate cyclase 1, soluble, alpha 3

Omim ID[139396](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Soluble guanylate cyclase (sGC), a heterodimeric protein consisting of an alpha subunit, such as alpha-1 (GUCY1A3), and a beta subunit, typically beta-1 (GUCY1B3; MIM 139397), catalyzes conversion of GTP to the second messenger cGMP and functions as the main receptor for nitric oxide and nitrovasodilator drugs (Zabel et al., 1998 [PubMed 9742212]).[supplied by OMIM]

Other Designations

GC-S-alpha-1|soluble guanylate cyclase large subunit

Pathway

- [Gap junction](#)

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