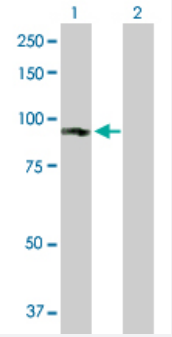
MaxPab®

GUCY1A3 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00002982-B01P Size 50 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(75.9 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse 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	MFCTKLKDLKITGECPFSLLAPGQVPNESSEEAAGSSESCKATMPICQDIPEKNIQESLPQRKTSR SRVYLHTLAESICKLIFPEFERLNVALQRTLAKHKIKESRKSLEREDFEKTIAEQAVAAGVPVEVIKE SLGEEVFKICYEEDENILGVVGGTLKDFLNSFSTLLKQSSHCQEAGKRGRLEDASILCLDKEDDFL HVYYFFPKRTTSLILPGIIKAAAHVLYETEVEVSLMPPCFHNDCSEFVNQPYLLYSVHMKSTKPSLS PSKPQSSLVIPTSLFCKTFPFHFMFDKDMTILQFGNGIRRLMNRRDFQGKPNFEEYFEILTPKINQT FSGIMTMLNMQFVVRVRRWDNSVKKSSRVMDLKGQMIYIVESSAILFLGSPCVDRLEDFTGRGLY LSDIPIHNALRDVVLIGEQARAQDGLKKRLGKLKATLEQAHQALEEEKKKTVDLLCSIFPCEVAQQ LWQGQVVQAKKFSNVTMLFSDIVGFTAICSQCSPLQVITMLNALYTRFDQQCGELDVYKVETIGDA YCVAGGLHKESDTHAVQIALMAVKMMELSDEVMSPHGEPIKMRIGLHSGSVFAGVVGVKMPRYC LFGNNVTLANKFESCSVPRKINVSPTTYRLLKDCPGFVFTPRSREELPPNFPSEIPGICHFLDAYQ QGTNSKPCFQKKDVEDGNANFLGKASGID
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.

Copyright © 2023 Abnova Corporation. All Rights Reserved.

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(75.9 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 con version of GTP to the second messenger cGMP and functions as the main receptor for nitric oxid e 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

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Long-term depression
- Purine metabolism
- Vascular smooth muscle contraction

Copyright © 2023 Abnova Corporation. All Rights Reserved.