

DNAxPAb

Hard-to-Find
Antibody

GUCY2F DNAxPab

Catalog # H00002986-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human GUCY2F DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence

MFLGLGRFSRLVLWFAAFRKLKGHHGLASAKFLWCLCLLSVMSLPQQVWTLTPYKIGVVGPWAC
 DSLFSKALPEVAARLAIERINRDPSFDLSYSFEYVILNEDCQTSRALSSSFISHHQMASGFIGPTNPG
 YCEAASLLGNSWDKGIFSWACVNYELDNKISYPTFSRTLPSPIRVLVTVMKYFQWAHAGVISSDED
 MWHTANRVASALRSHGLPVGVLTTGQDSQSMRKALQRIHQADRIRIIIMCMHSALIGGETQMHLL
 ECAHDLKMTDGTVFVPYDALLYSLPYKHTPYRVLRRNNPKLREAYDAVLITVESQEKTFYQAFTE
 AAARGEIPEKLEFDQVSPLFGTYNSIYFIQAMNNAMKENGQAGAASLVQHSRNMQFHGFNQLM
 RTDSNGNGISEYVILDTNLKEWELHSTYTVDMEMELLRFGGTPHFPGGRPPRADAKCWFAEGKIC
 HGGIDPAFAMMVCLTLIALLSINGFAYFIRRRINKIQLIKGPNRILLTLEDVTFINPHFGSKRGSRASVS
 FQITSEVQSGRSPRLSFSSGSLTPATYENSNIAYEGDWVWLKKFSLGDFGDLKSIKSRASDVFEM
 MKDLRHENINPLLGGFYDSGMFAVTEFCSRGSLEDILTNDQVKLDWMFKSSLLLDLIKGMKYLHH
 REFVHGRLKSRNCVVDGRFVLKVTDYGFNDILEMLRLEEESMEELLWTAPELLRAPRGSRLG
 SFAGDVYSFAIIMQEVMMVRGTPFCMMDLPAQEIINRLKKPPPVYRPVVPPEHAPPECLQLMKQCW
 AEAAEQRPTEDEIFNQKTFNKGKKTNIIDSMRLMLEQYSSNLEDLIRERTEELEIEKQKTEKLLTQM
 LPPSVAESLKKGCTVEPEGFDLVTLTYFSDIVGFTTISAMSEPIEVVDLLNDLYTLFDAIGSHDVYKV
 ETIGDAYMVASGLPKRNGSRHAAEIANMSLDILSSVGTFKMRHMPVVRIRIGLHSGPVVAGVVG
 LTMPRYCLFGDVTNTASRMESTGLPYRIHVSLSTVTILQNLSEGYEVELRGRTELKKGKTEETFWLI
 GKKGFMKPLPVPPPVDKDGQVGHGLQPVEIAAFQRRKAERQLVRNKP

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 — GUCY2F

Entrez GeneID	2986
GeneBank Accession#	BC156674.1
Protein Accession#	AAI56675.1
Gene Name	GUCY2F
Gene Alias	CYGF, GC-F, GUC2DL, GUC2F, RETGC-2, ROS-GC2
Gene Description	guanylate cyclase 2F, retinal
Omim ID	300041
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a guanylyl cyclase found predominantly in photoreceptors in the retina. The encoded protein is thought to be involved in resynthesis of cGMP after light activation of the visual signal transduction cascade, allowing a return to the dark state. This protein is a single-pass type I membrane protein. Defects in this gene may be a cause of X-linked retinitis pigmentosa. [provided by RefSeq]
Other Designations	OTTHUMP00000023839[guanylate cyclase 2D-like, membrane (retina-specific)]guanylate cyclase 2F

Pathway

- [Purine metabolism](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)