

DNAxPAb

Hard-to-Find
Antibody

PTPRG DNAxPab

Catalog # H00005793-W01P

Size 100 ug

Specification

Product Description Rabbit polyclonal antibody raised against a partial-length human PTPRG DNA using DNAx™ Immun

e technology.

Technology [DNAx™ Immune](#)

Immunogen PTPRG (NP_002832.3, 20 a.a. ~ 736 a.a) partial-length human DNA

Sequence VLHYVVCFPALTEGYVGALHENRHGSAVQIRRRKASGDPYWAYSAYGPEHWVTSSVSCGGRH
QSPIDILDQYARVGEEYQELQLDGFDNESNKTWMKNTGKTVAILLKDDYFVSGAGLPGRFKA
VEFWHGHWSNGSAGSEHSINGRRFPVEMQIFFYNPDDFDSFQTAISENRIIGAMAIFFQVSPR
DNSALDPIIHGLKGVVHHEKETFLDPFVLRDLLPASLGSYYRTGSLTPPCSEVEWVFRRPV
PISYHQL EAFYSIFTTEQQDHVKSVEYLRNNFRPQQRLHDRVVSKSAVRDSWNHDMTD
FLENPLGTEASKV CSSPPIHMKVQPLNQALQVSWSQPETYHPPIMNYMISYSWTKNEDEKE
KTFTKDSKDLKATIS HVSPDSL YLFRVQAVCRNDMRSDFSQTMLFQANTTRIFQGTRVKT
GVPTASPASSADMAPISSG SSTWTSSGIPFSFVSMATGMGPSSSGSQATVASVVTSTLLA
GLGFGGGGSSFPSTVWPTRLPTA ASASKQAARPVLATTEALASPGPDGDSSPTKDGE
GTEEGEKDEKSESEDEREHEEDGEKDS EKKEKSGVTHAAEERNQTEPSPTPSSPNRTA
EGGHQTIPGHEQDHTAVPTDQTGRRDAGPGL DPDMVTSTQVPPTATEEQYAGSDPKR
PEMPSKKPMRGDRFSEDSRFITVNP AEKNTSGMISRP APGRME

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

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — PTPRG

Entrez GeneID [5793](#)

GeneBank Accession# [NM_002841.3](#)

Protein Accession# [NP_002832.3](#)

Gene Name PTPRG

Gene Alias HPTPG, PTPG, R-PTP-GAMMA, RPTPG

Gene Description protein tyrosine phosphatase, receptor type, G

Omim ID [176886](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP possesses an extracellular region, a single transmembrane region, and two tandem intracytoplasmic catalytic domains, and thus represents a receptor-type PTP. The extracellular region of this PTP contains a carbonic anhydrase-like (CAH) domain, which is also found in the extracellular region of PTPRBETA/ZETA. This gene is located in a chromosomal region that is frequently deleted in renal cell carcinoma and lung carcinoma, thus is thought to be a candidate tumor suppressor gene. [provided by RefSeq]

Other Designations

H_RG317H01.1|protein tyrosine phosphatase gamma|protein tyrosine phosphatase, receptor type, gamma polypeptide|receptor type protein tyrosine phosphatase gamma|receptor tyrosine phosphatase gamma|receptor-type protein phosphatase gamma

Disease

- [Bipolar Disorder](#)
- [Kidney Failure](#)
- [Psychiatric Status Rating Scales](#)
- [Psychotic Disorders](#)
- [Tobacco Use Disorder](#)