



# Anti-PLEKHG1 (aa 1158-1252) polyclonal antibody (DPABH-20261)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

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|----------------------------|--|
| <b>Antigen Description</b> | PLEKHG1 (pleckstrin homology domain containing, family G (with RhoGef domain) member 1) is a protein-coding gene. Diseases associated with PLEKHG1 include panic disorder , and alcoholism. GO annotations related to this gene include phospholipid binding and Rho guanyl-nucleotide exchange factor activity. An important paralog of this gene is ARHGEF6. |
| <b>Immunogen</b>           | antigen sequence: CQDHLYNSLG RKGISAKSQP YHRSQSSSSV LINKSMDSIN YPSDVGKQQL LSLHRSSRCE SHQDLLPDIA DSHQQGTEKL SDLTLQDSQK VVVVN, corresponding to internal sequence amino acids 1158-1252 of Human PKHG1.   |
| <b>Isotype</b>             | IgG  |
| <b>Source/Host</b>         | Rabbit   |
| <b>Species Reactivity</b>  | Human  |
| <b>Purification</b>        | Immunogen affinity purified  |
| <b>Conjugate</b>           | Unconjugated   |
| <b>Applications</b>        | ICC/IF, IHC-P  |
| <b>Format</b>              | Liquid   |
| <b>Size</b>                | 100 µl   |
| <b>Buffer</b>              | pH: 7.20; Constituents: 59% PBS, 40% Glycerol  |
| <b>Preservative</b>        | 0.02% Sodium Azide   |
| <b>Storage</b>             | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.  |

# GENE INFORMATION

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|-----------------|--|
| Gene Name       | <a href="#">PLEKHG1 pleckstrin homology domain containing, family G (with RhoGef domain) member 2 [Homo sapiens]</a>                                       |
| Official Symbol | PLEKHG1  |
| Synonyms        | PLEKHG1; pleckstrin homology domain containing, family G (with RhoGef domain) member 1; ARHGEF41; pleckstrin homology domain-containing family G member 1; |
| Entrez Gene ID  | <a href="#">57480</a>  |
| Protein Refseq  | <a href="#">NP_001025055.1</a>   |
| UniProt ID      | <a href="#">Q5JYA6</a>   |
| Function        | Rho guanyl-nucleotide exchange factor activity;  |