



# GPR133 rabbit pAb

Cat No.:ES5582

For research use only

## Overview

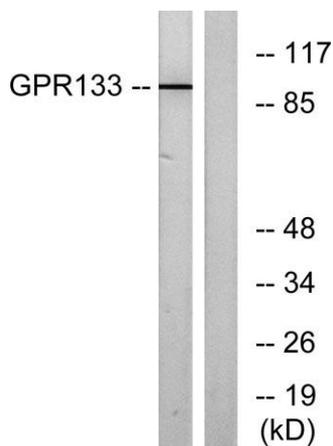
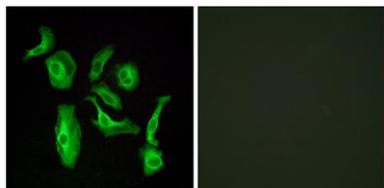
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|---------------------------------|--|
| <b>Product Name</b>             | GPR133 rabbit pAb  |
| <b>Host species</b>             | Rabbit   |
| <b>Applications</b>             | WB;IF;ELISA  |
| <b>Species Cross-Reactivity</b> | Human;Monkey   |
| <b>Recommended dilutions</b>    | Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.   |
| <b>Immunogen</b>                | The antiserum was produced against synthesized peptide derived from human GPR133. AA range:461-510   |
| <b>Specificity</b>              | GPR133 Polyclonal Antibody detects endogenous levels of GPR133 protein.  |
| <b>Formulation</b>              | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  |
| <b>Storage</b>                  | Store at -20°C. Avoid repeated freeze-thaw cycles.   |
| <b>Protein Name</b>             | Probable G-protein coupled receptor 133  |
| <b>Gene Name</b>                | GPR133   |
| <b>Cellular localization</b>    | Cell membrane ; Multi-pass membrane protein .  |
| <b>Purification</b>             | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  |
| <b>Clonality</b>                | Polyclonal   |
| <b>Concentration</b>            | 1 mg/ml  |
| <b>Observed band</b>            | 96kD   |
| <b>Human Gene ID</b>            | 283383   |
| <b>Human Swiss-Prot Number</b>  | Q6QNK2   |
| <b>Alternative Names</b>        | GPR133; PGR25; Probable G-protein coupled receptor 133; G-protein coupled receptor PGR25   |
| <b>Background</b>               | The adhesion G-protein-coupled receptors (GPCRs), including GPR133, are membrane-bound proteins with long N termini containing multiple domains. GPCRs, or GPRs, contain 7 transmembrane domains and transduce extracellular signals through |



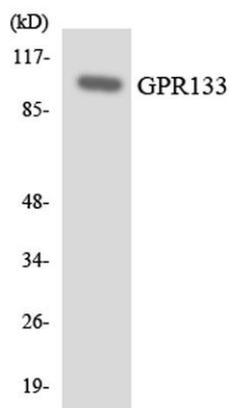


heterotrimeric G proteins (summary by Bjarnadottir et al., 2004 [PubMed 15203201]).[supplied by OMIM, Nov 2010],

Immunofluorescence analysis of HeLa cells, using GPR133 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COS7 cells, using GPR133 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from K562 cells using GPR133 antibody.

