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# GPCR150 Rabbit pAb

GPCR150 Rabbit pAb
Catalog # AP56198

## Product Information

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|---|---|
| **Application** | IHC-P, IHC-F, IF |
| **Primary Accession** | Q9UJ42 |
| **Reactivity** | Human |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 39787 |
| **Physical State** | Liquid |
| **Immunogen** | KLH conjugated synthetic peptide derived from human GPCR150 |
| **Epitope Specificity** | 101-200/338 |
| **Isotype** | IgG |
| **Purity** | affinity purified by Protein A |
| **Buffer** | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. |
| **SUBCELLULAR LOCATION** | Cell membrane. |
| **Important Note** | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |
| **Background Descriptions** | G protein-coupled receptors (GPRs), also known as seven transmembrane receptors, heptahelical receptors or 7TM receptors, comprise a superfamily of proteins that play a role in many different stimulus-response pathways. GPR signaling is an evolutionarily ancient mechanism used by all eukaryotes to sense environmental stimuli and mediate cell-cell communication. G protein-coupled receptors translate extracellular signals into intracellular signals (G protein activation) and they respond to a variety of signaling molecules, such as hormones and neurotransmitters. The gene encoding GPR160 maps to human chromosome 3, which houses over 1,100 genes, including a chemokine receptor (CKR) gene cluster and a variety of human cancer-related gene loci. GPR160 expression has been shown to be up-regulated in prostate cancer. |

## Additional Information

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| **Gene ID** | 26996 |
| **Other Names** | Probable G-protein coupled receptor 160, G-protein coupled receptor GPCR1, hGPCR1, GPR160, GPCR150 |
| **Dilution** | IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500 |
| **Storage** | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |

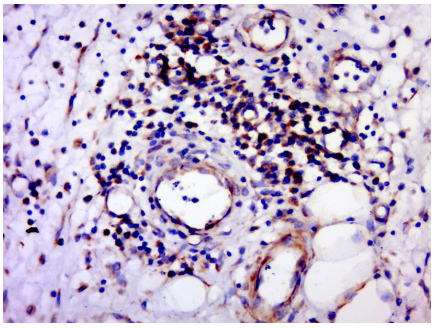
## Protein Information

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| **Name** | GPR160 |
| **Synonyms** | GPCR150 |
| **Function** | Orphan receptor. |
| **Cellular Location** | Cell membrane; Multi-pass membrane protein. |

## Background

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## Images



Paraformaldehyde-fixed, paraffin embedded (human cervical cancer); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37 ∑ C for 30min; Antibody incubation with (GPR150) Polyclonal Antibody, Unconjugated (AP56198) at 1:500 overnight at 4 ∑ C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.