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GPCR150 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56198

Specification

GPCR150 Polyclonal Antibody - Product Information

Application	**WB, IHC-P, IHC-F, IF, ICC, E**
Primary Accession	Q9UJ42
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**40 KDa**
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.**
SIMILARITY	**Belongs to the G-protein coupled receptor 1 family.**
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.

GPCR150 Polyclonal Antibody - Additional Information

Gene ID 26996

Other Names
Probable G-protein coupled receptor 160, G-protein coupled receptor GPCR1, hGPCR1, GPR160, GPCR150

Dilution
WB~~1:1000<br \>IHC-P~~N/A<br \><span class

="dilution_IHC-F">IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A<br \>E~~N/A

Format
0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage
Store at -20 ℃ 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 ℃.

GPCR150 Polyclonal Antibody - Protein Information

Name GPR160

Synonyms GPCR150

Function
Orphan receptor.

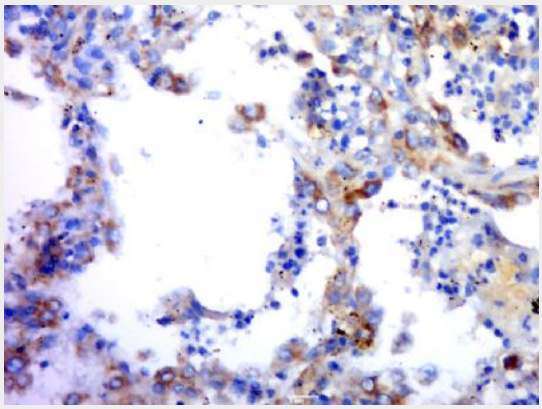
Cellular Location
Cell membrane; Multi-pass membrane protein.

GPCR150 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

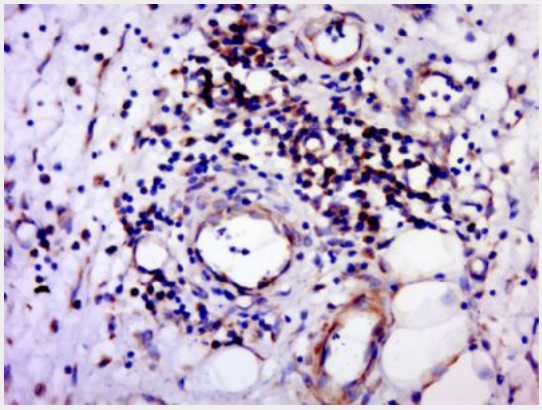
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GPCR150 Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (human lung 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℃ for 30min; Antibody incubation with (GPR150) Polyclonal Antibody, Unconjugated (bs-16273R) at 1:500 overnight at 4℃, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



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 (bs-16273R) at 1:500 overnight at 4∑C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.