

GPCR150 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP56198

Product Information

Application WB, IHC-P, IHC-F, IF, ICC, E

Primary Accession

Reactivity

Human

Host

Clonality

Calculated MW

Physical State

Q9UJ42

Human

Rabbit

Polyclonal

39787

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 NoteThis 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

Gene ID 26996

Other Names Probable G-protein coupled receptor 160, G-protein coupled receptor GPCR1,

hGPCR1, GPR160, GPCR150

Dilution WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-50

0,ELISA=1:5000-10000

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

Protein Information

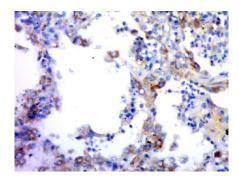
Name GPR160

Synonyms GPCR150

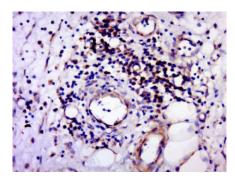
Function Orphan receptor.

Cellular Location Cell membrane; Multi-pass membrane protein.

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°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.



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 37Σ C for 30min; Antibody incubation with (GPR150) Polyclonal Antibody, Unconjugated (AP56198) at 1:500 overnight at 4Σ 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'.