

Anti-GPR160 Antibody

Catalog # AP51237

Product Information

Application	WB, IHC, IF/IC
Primary Accession	Q9UJ42
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	39787

Additional Information

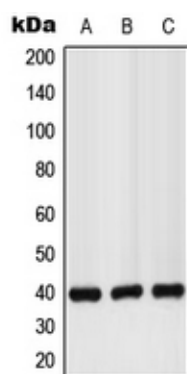
Gene ID	26996
Other Names	GPCR150; Probable G-protein coupled receptor 160; G-protein coupled receptor GPCR1; hGPCR1
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human GPR160. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

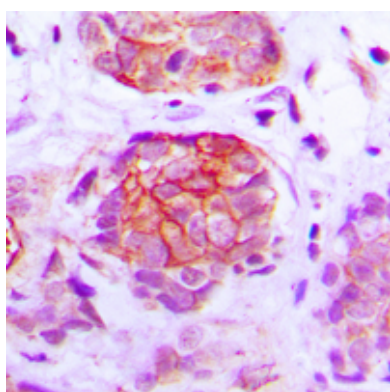
Name	GPR160
Synonyms	GPCR150
Function	Orphan receptor.
Cellular Location	Cell membrane; Multi-pass membrane protein.

References

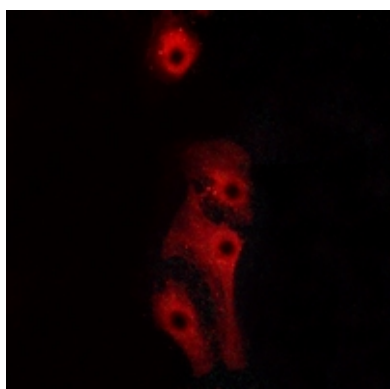
Conklin D.,et al.Brief. Bioinform. 1:93-99(2000).
Takeda S.,et al.FEBS Lett. 520:97-101(2002).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DBJ databases.



Western blot analysis of GPR160 expression in LO2 (A), mouse liver (B), rat kidney (C) whole cell lysates. (Predicted band size: 39 kD; Observed band size: 40 kD)



Immunohistochemical analysis of GPR160 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of GPR160 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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