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Anti-GPR180 Antibody

Catalog # AP60802

Product Information

Application	WB, IHC, IF/IC
Primary Accession	Q86V85
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	49395

Additional Information

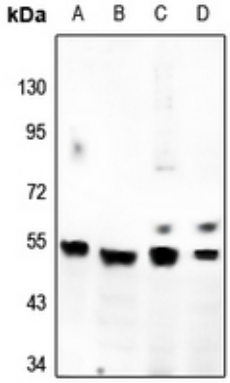
Gene ID	160897
Other Names	ITR; Integral membrane protein GPR180; Intimal thickness-related receptor
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GPR180. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 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

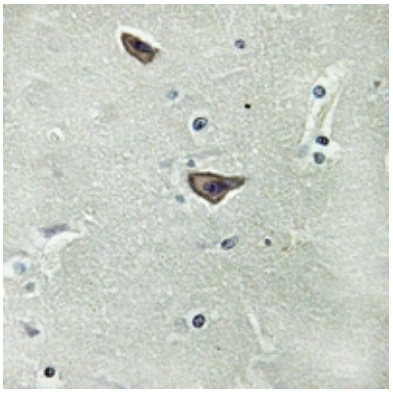
Protein Information

Name	GPR180
Synonyms	ITR
Cellular Location	Membrane; Multi-pass membrane protein

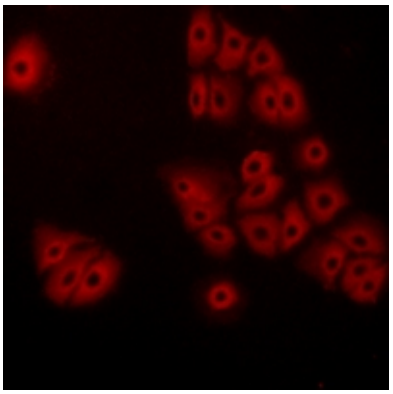
Images

Western blot analysis of GPR180 expression in BV2 (A), PC12 (B), A549 (C), HepG2 (D) whole cell lysates. (Predicted band size: 49 kD; Observed band size: 55 kD)





Immunohistochemical analysis of GPR180 staining in human brain 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 GPR180 staining in A549 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 hidified 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'.