

## GPR180 Antibody

Catalog No: #47826

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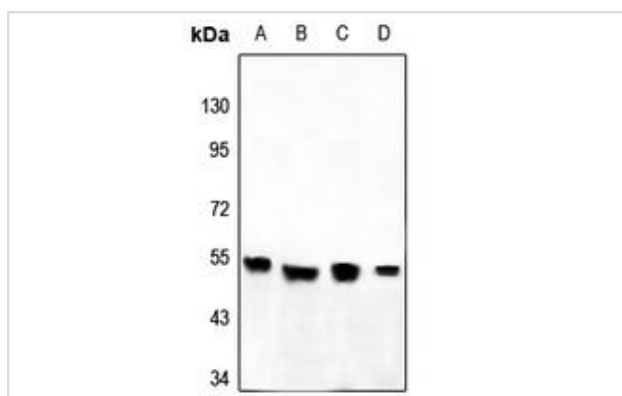
## Description

Product Name	GPR180 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was purified by immunogen affinity chromatography.
Applications	WB, IHC, IF/ICC
Species Reactivity	Hu,Ms,Rt
Specificity	Recognizes endogenous levels of GPR180 protein.
Immunogen Description	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GPR180.
Target Name	GPR180
Other Names	ITR; Integral membrane protein GPR180; Intimal thickness-related receptor
Accession No.	Swiss-Prot#:Q86V85NCBI Gene ID:160897
Uniprot	Q86V85
GeneID	160897;
Calculated MW	55KD
Concentration	1 mg/ml
Formulation	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

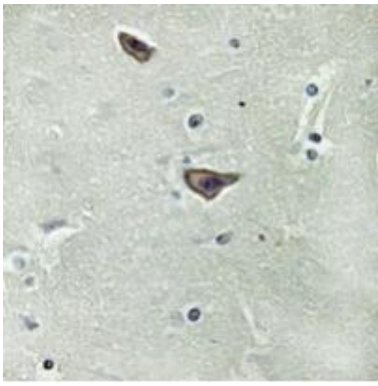
## Application Details

WB (1/500 - 1/1000), IHC (1/50 - 1/100), IF/ICC (1/50 - 1/200)

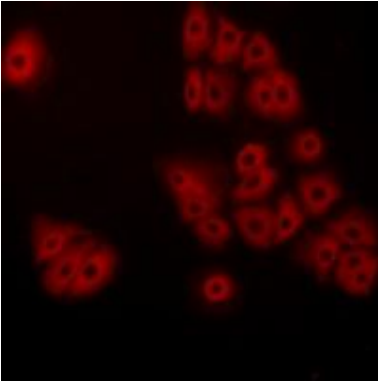
## Images



Western blot analysis of GPR180 expression in BV2 (A), PC12 (B), A549 (C), HepG2 (D) whole cell lysates



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 humidified chamber. Cells were washed with PBST and incubated with a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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Note: This product is for in vitro research use only