

Anti-GPR85 Antibody

Catalog # AP60179

Product Information

Application	WB, IHC, IF/IC
Primary Accession	P60893
Reactivity	Human, Mouse, Rat, Zebrafish
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41995

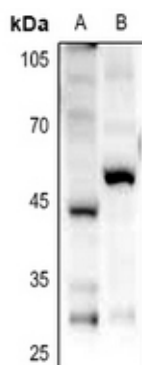
Additional Information

Gene ID	54329
Other Names	SREB2; Probable G-protein coupled receptor 85; Super conserved receptor expressed in brain 2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GPR85. 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

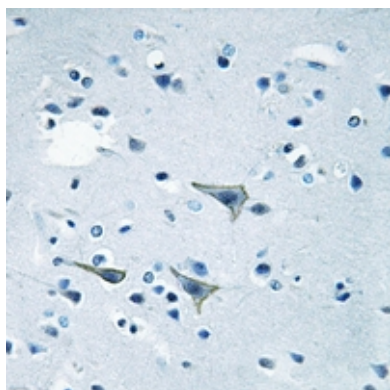
Protein Information

Name	GPR85
Synonyms	SREB2
Function	Orphan receptor.
Cellular Location	Cell membrane; Multi-pass membrane protein. Endoplasmic reticulum
Tissue Location	Highly expressed in brain and testis. Lower levels in small intestine, placenta and spleen. In brain regions, detected in all regions tested, but somewhat lower levels in the corpus callosum, medulla and spinal cord.

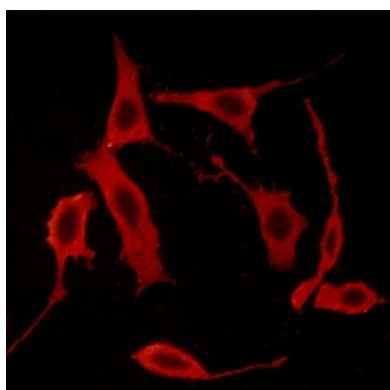
Images



Western blot analysis of GPR85 expression in mouse muscle (A) whole cell lysates. (Predicted band size: 41 kD; Observed band size: 55; 42 kD)



Immunohistochemical analysis of GPR85 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 GPR85 staining in LOVO 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'.