

Recombinant Anti-NPY5R Rabbit mAb

Catalog # AP95373

Product Information

Application	WB, FC, IF/IC
Primary Accession	Q15761
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Calculated MW	50727

Additional Information

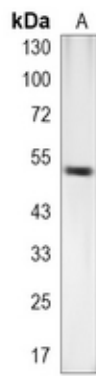
Gene ID	4889
Other Names	NPYR5; Neuropeptide Y receptor type 5; NPY5-R; NPY-Y5 receptor; NPY5-R; Y5 receptor
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within human NPY5R protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) FC~~1:10~50 IF/IC~~N/A
Format	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

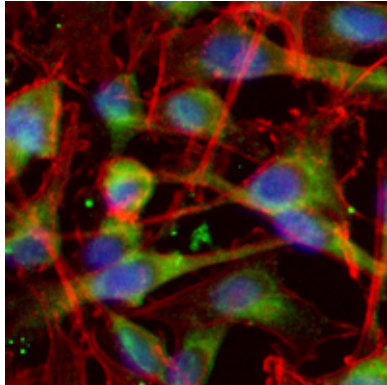
Name	NPY5R
Synonyms	NPYR5
Function	Receptor for neuropeptide Y and peptide YY. The activity of this receptor is mediated by G proteins that inhibit adenylate cyclase activity. Seems to be associated with food intake. Could be involved in feeding disorders.
Cellular Location	Cell membrane; Multi-pass membrane protein.
Tissue Location	Brain; hypothalamus.

Images

Western blot analysis of NPY5R expression in Ramos (A)



whole cell lysates. (Predicted band size: 51 kD; Observed band size: 51 kD)



Immunofluorescent analysis of NPY5R staining in Ramos 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 an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

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