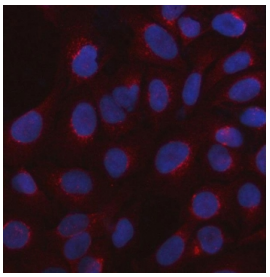
5-HT3C Antibody / 5-hydroxytryptamine receptor 3C / HTR3C (RQ8700)

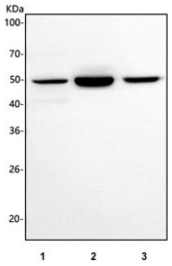
Catalog No.	Formulation	Size
RQ8700	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity chromatography
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q8WXA8
Applications	Western Blot : 1-2ug/ml Immunofluorescence : 5ug/ml ELISA : 0.1-0.5ug/ml
Limitations	This 5-HT3C antibody is available for research use only.



Immunofluorescent staining of FFPE human U-2 OS cells with 5-HT3C antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) human A549, 2) rat C6 and 3) mouse lung tissue lysate with 5-HT3C antibody. Predicted molecular weight ~50 kDa.

Description

5-hydroxytryptamine receptor 3C is a protein that in humans is encoded by the HTR3C gene. The product of this gene belongs to the ligand-gated ion channel receptor superfamily. This gene encodes subunit C of the type 3 receptor for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. This receptor causes fast, depolarizing responses in neurons after activation. Genes encoding subunits C, D and E form a cluster on chromosome 3.

Application Notes

Optimal dilution of the 5-HT3C antibody should be determined by the researcher.

Immunogen

An E.coli-derived human recombinant protein (amino acids D79-Q417) was used as the immunogen for the 5-HT3C antibody.

Storage

After reconstitution, the 5-HT3C antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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