Anti-5-HT2C Rabbit Polyclonal Antibody

Catalog #: 51790

Aliases

HTR1C; 5-hydroxytryptamine receptor 2C; 5-HT-2C; 5-HT2C; 5-HTR2C; 5-hydroxytryptamine receptor 1C; 5-HT-1C; 5-HT1C; Serotonin receptor 2C

Background

Gene Name: HTR2C
NCBI Gene Entry: 3358
UniProt Entry: P28335

Application Information

Molecular Weight: Predicted, 51 kDa; observed, 48 kDa
Clonality: Rabbit polyclonal antibody
Species Reactivity: Human, mouse, dog
Applications Tested: Western blotting (WB), immunohistochemistry (IHC), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human 5-HT2C

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

Storage

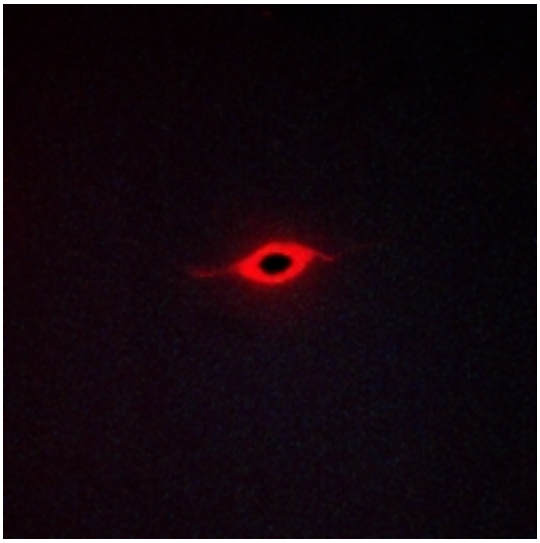
Store at -20 °C for one year.

Recommended Dilutions

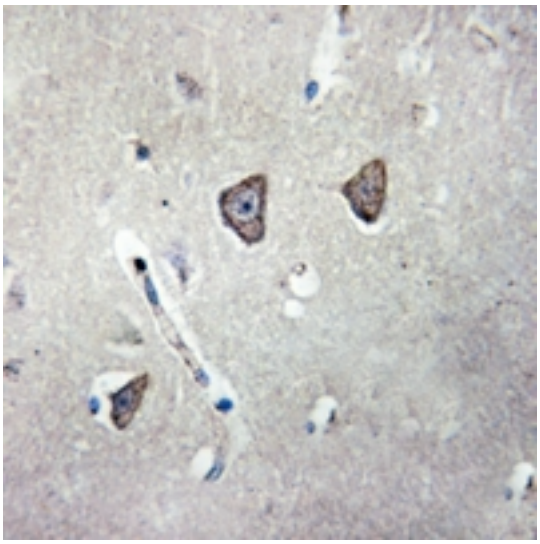
Western Blotting (WB): 1:500-1:1,000
Immunohistochemistry (IHC): 1:50-1:100
Immunocytochemistry (IC): 1:50-1:200

Note: This product is for research use only.

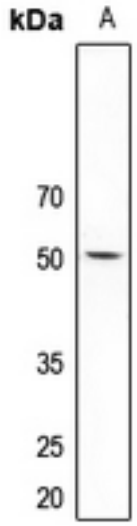
Validation Data



Immunocytochemical analysis of 5-HT2C 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.



Immunohistochemical analysis of 5-HT2C 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.



Western blotting analysis of 5-HT2C expression in mouse kidney (A) whole cell lysates.