

5-HT7 Antibody

Catalog No: #47924

Package Size: #47924-1 50ul #47924-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

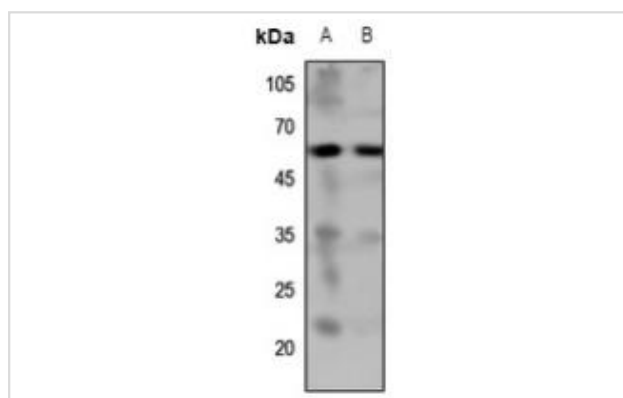
Description

Product Name	5-HT7 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was purified by immunogen affinity chromatography.
Applications	WB, IF/ICC
Species Reactivity	Human;Mouse;Rat
Specificity	Recognizes endogenous levels of 5-HT7 protein.
Immunogen Description	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human 5-HT7.
Conjugates	Unconjugated
Target Name	HTR7
Other Names	5-hydroxytryptamine receptor 7; 5-HT-7; 5-HT7; 5-HT-X; Serotonin receptor 7
Accession No.	Swiss-Prot#:P34969NCBI Gene ID:3363
Calculated MW	53KD
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	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

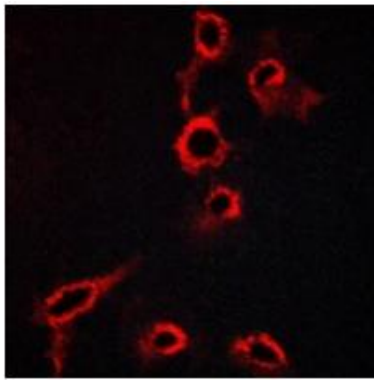
Application Details

Western blotting:1:500 - 1:1000

Images



Western blot analysis of 5-HT7 expression in Hela (A), H1688 (B) whole cell lysates



Immunofluorescent analysis of 5-HT7 staining in COS7 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.

Published Papers

Li Pin;Shen Yihang;Yin Xiaoqin;Zang Shaolian;Zhou Shasha et al., The epigenetic role of HTR1A antagonist in facilitating GnRH expression for pubertal initiation control, , (2021)

[PMID:34458005](#)

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.