

## Catalog #: 51619

## Aliases

5-hydroxytryptamine receptor 7; 5-HT-7; 5-HT7; 5-HT-X; Serotonin receptor 7

## Background

Gene Name: HTR7

NCBI Gene Entry: [3363](#)

UniProt Entry: [P34969](#)

## Application Information

Molecular Weight: Predicted, 53 kDa; observed, 54 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human, mouse, rat, dog

Applications Tested: Western blotting (WB), immunocytochemistry (IC)

## Immunogen

A synthesized peptide derived from human 5-HT7

## 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

Immunocytochemistry (IC): 1:50-1:200

**Note:** This product is for research use only.

## Validation Data

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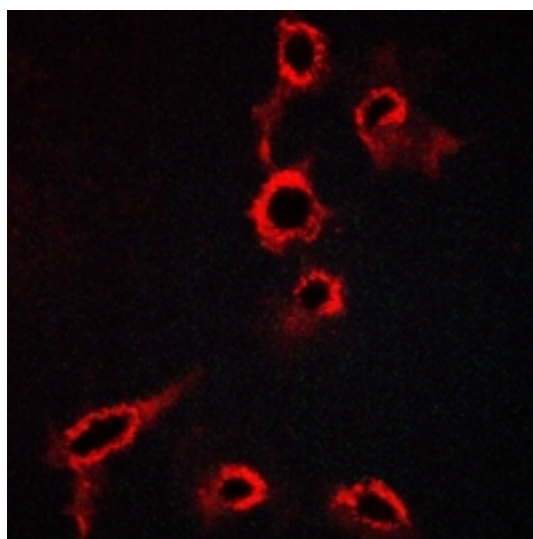
### SUPPORT

SUPPORT@GENUINBIOTECH.COM  
TEL: +1-540-855-7041

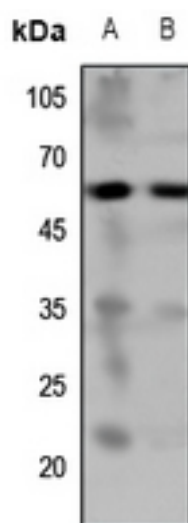
### ORDERS

SALES@GENUINBIOTECH.COM  
FAX: +1-540-855-7041

[WWW.GENUINBIOTECH.COM](http://WWW.GENUINBIOTECH.COM)



Immunocytochemical 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.



Western blotting analysis of 5-HT7 expression in HeLa (A), H1688 (B) whole cell lysates.