

Anti-5-HT7 Antibody
Catalog # AP53890**Specification****Anti-5-HT7 Antibody - Product Information**

Application	WB
Primary Accession	P34969
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53555

Anti-5-HT7 Antibody - Additional Information**Gene ID** 3363**Other Names**5-hydroxytryptamine receptor 7; 5-HT-7;
5-HT7; 5-HT-X; Serotonin receptor 7**Target/Specificity**

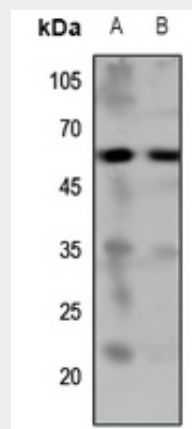
Recognizes endogenous levels of 5-HT7 protein.

Dilution

WB~~1/500 - 1/1000

FormatLiquid in 0.42% Potassium phosphate,
0.87% Sodium chloride, pH 7.3, 30%
glycerol, and 0.01% sodium azide.**Storage**Store at -20 °C.Stable for 12 months from
date of receipt**Anti-5-HT7 Antibody - Protein Information****Name** HTR7**Function**

This is one of the several different receptors for 5- hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. The activity of this receptor is mediated by G proteins that stimulate adenylate cyclase.



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

Anti-5-HT7 Antibody - Background

Rabbit polyclonal antibody to 5-HT7

Cellular Location

Cell membrane; Multi-pass membrane protein.

Tissue Location

Isoform A is the predominant isoform in spleen, caudate and hippocampus. Isoform B is expressed at lower levels Isoform D is a minor isoform in terms of expression

Anti-5-HT7 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)