

## SR-7 rabbit pAb

Cat No.: ES5807

For research use only

## Overview

Product Name SR-7 rabbit pAb

Host species Rabbit
Applications IF;ELISA

Species Cross-Reactivity Human; Mouse; Rat

**Recommended dilutions** Immunofluorescence: 1/200 - 1/1000. ELISA:

1/5000. Not yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human HTR7. AA

range:391-440

**Specificity** SR-7 Polyclonal Antibody detects endogenous levels

of SR-7 protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

**Storage** Store at -20°C. Avoid repeated freeze-thaw cycles.

**Protein Name** 5-hydroxytryptamine receptor 7

Gene Name HTR7

Cellular localizationCell membrane; Multi-pass membrane protein.PurificationThe antibody was affinity-purified from rabbit<br/>antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml

**Observed band** 

Human Gene ID 3363 Human Swiss-Prot Number P34969

Alternative Names HTR7; 5-hydroxytryptamine receptor 7; 5-HT-7;

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

**Background** The neurotransmitter, serotonin, is thought to play a

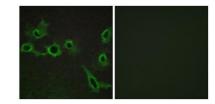
role in various cognitive and behavioral functions. The serotonin receptor encoded by this gene belongs to the superfamily of G protein-coupled receptors and the gene is a candidate locus for involvement in autistic disorder and other





neuropsychiatric disorders. Three splice variants have been identified which encode proteins that differ in the length of their carboxy terminal ends. [provided by RefSeq, Jul 2008],

Immunofluorescence analysis of COS7 cells, using HTR7 Antibody. The picture on the right is blocked with the synthesized peptide.





+86-27-59760950