

SR-7 Rabbit pAb

CatalogNo: YT4409

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- IF, ELISA

MW

- 54kD (Calculated)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

IF 1:200-1:1000

ELISA 1:5000

Not yet tested in other applications

Basic Information

Clonality Polyclonal

Immunogen Information

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.

Target Information

Gene name HTR7

Protein Name 5-hydroxytryptamine receptor 7

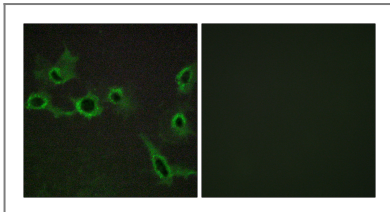
Organism	Gene ID	UniProt ID
Human	3363 ;	P34969 ;
Mouse	15566 ;	P32304 ;
Rat	65032 ;	P32305 ;

Cellular Localization Cell membrane; Multi-pass membrane protein.

Tissue specificity 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.

Function Alternative products:Isoform A and isoform B appear to be expressed at higher levels,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.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Isoform A is the predominant isoform in spleen, caudate and hippocampus. Isoform B is expressed at lower levels, and isoform D is a minor isoform.,

Validation Data



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

Contact information

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