

## **SR-6 Polyclonal Antibody**

Catalog No: YT4408

**Reactivity:** Human; Mouse; Rat

**Applications:** WB;ELISA

Target: SR-6

Fields: >>Calcium signaling pathway;>>cAMP signaling pathway;>>Neuroactive ligand-

receptor interaction;>>Serotonergic synapse

Gene Name: HTR6

**Protein Name:** 5-hydroxytryptamine receptor 6

P50406

Q9R1C8

Human Gene Id: 3362

**Human Swiss Prot** 

No:

Mouse Gene Id: 15565

**Mouse Swiss Prot** 

No:

Rat Gene Id: 64354

Rat Swiss Prot No: P31388

**Immunogen :** The antiserum was produced against synthesized peptide derived from human

5-HT-6. AA range:221-270

**Specificity:** SR-6 Polyclonal Antibody detects endogenous levels of SR-6 protein.

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

Source: Polyclonal, Rabbit, IgG

**Dilution:** WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.

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**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

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

Observed Band: 47kD

**Cell Pathway:** Calcium; Neuroactive ligand-receptor interaction;

Background: This gene encodes a protein that belongs to the seven-transmembrane G protein-

coupled receptor family of proteins. The encoded protein couples with the Gs alpha subunit and stimulates adenylate cyclase to activate the cyclic AMP-dependent signaling pathway. This receptor is thought to regulate cholinergic neuronal transmission in the brain. Several antidepressants and antipsychotic drugs have a high affinity for this receptor. [provided by RefSeq, Aug 2013],

**Function :** 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. It has a high affinity for tricyclic psychotropic drugs., similarity: Belongs to the G-protein coupled receptor 1 family., tissue specificity: Expressed in several human brain regions, most prominently in the

caudate nucleus.,

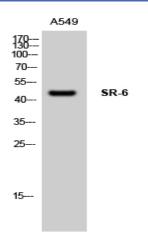
Subcellular Cell membrane; Multi-pass membrane protein.

Location:

**Expression:** Expressed in several human brain regions, most prominently in the caudate

nucleus.

## **Products Images**



Western Blot analysis of A549 cells using SR-6 Polyclonal Antibody