

## SR-6 Polyclonal Antibody

<b>Catalog No :</b>	YT4408
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	SR-6
<b>Fields :</b>	>>Calcium signaling pathway;>>cAMP signaling pathway;>>Neuroactive ligand-receptor interaction;>>Serotonergic synapse
<b>Gene Name :</b>	HTR6
<b>Protein Name :</b>	5-hydroxytryptamine receptor 6
<b>Human Gene Id :</b>	3362
<b>Human Swiss Prot No :</b>	P50406
<b>Mouse Gene Id :</b>	15565
<b>Mouse Swiss Prot No :</b>	Q9R1C8
<b>Rat Gene Id :</b>	64354
<b>Rat Swiss Prot No :</b>	P31388
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human 5-HT-6. AA range:221-270
<b>Specificity :</b>	SR-6 Polyclonal Antibody detects endogenous levels of SR-6 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.

<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	47kD
<b>Cell Pathway :</b>	Calcium;Neuroactive ligand-receptor interaction;
<b>Background :</b>	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],
<b>Function :</b>	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.,
<b>Subcellular Location :</b>	Cell membrane; Multi-pass membrane protein.
<b>Expression :</b>	Expressed in several human brain regions, most prominently in the caudate nucleus.
<b>Sort :</b>	16590
<b>No4 :</b>	1
<b>Host :</b>	Rabbit
<b>Modifications :</b>	Unmodified

## Products Images

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

