

## SR-1F Polyclonal Antibody

<b>Catalog No :</b>	YT4395
<b>Reactivity :</b>	Human;Mouse;Rat;Monkey
<b>Applications :</b>	WB;ELISA;IHC
<b>Target :</b>	SR-1F
<b>Fields :</b>	>>cAMP signaling pathway;>>Neuroactive ligand-receptor interaction;>>Serotonergic synapse;>>Taste transduction
<b>Gene Name :</b>	HTR1F
<b>Protein Name :</b>	5-hydroxytryptamine receptor 1F
<b>Human Gene Id :</b>	3355
<b>Human Swiss Prot No :</b>	P30939
<b>Mouse Gene Id :</b>	15557
<b>Mouse Swiss Prot No :</b>	Q02284
<b>Rat Swiss Prot No :</b>	P30940
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human 5-HT-1F. AA range:101-150
<b>Specificity :</b>	SR-1F Polyclonal Antibody detects endogenous levels of SR-1F 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 1:500-2000;IHC 1:50-300; ELISA 2000-20000
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

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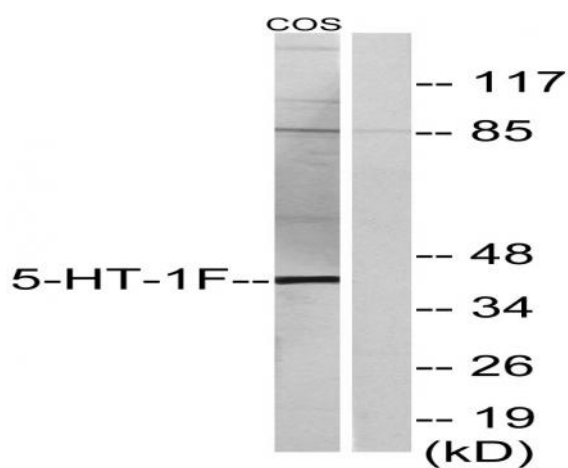
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	38kD
<b>Cell Pathway :</b>	Neuroactive ligand-receptor interaction;
<b>Background :</b>	function:This is one of the several different receptors for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. The activity of this receptor is mediated by G proteins that inhibit adenylate cyclase activity.,similarity:Belongs to the G-protein coupled receptor 1 family.,
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<b>Subcellular Location :</b>	Cell membrane ; Multi-pass membrane protein .
<b>Expression :</b>	Brain,
<b>Sort :</b>	16577
<b>No4 :</b>	1
<b>Host :</b>	Rabbit
<b>Modifications :</b>	Unmodified

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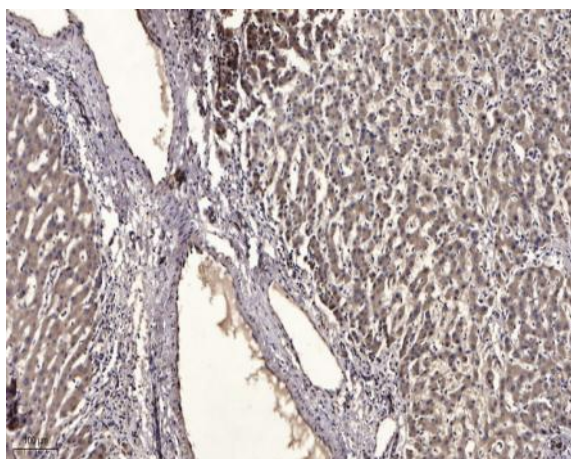
## Products Images



Western Blot analysis of various cells using SR-1F Polyclonal Antibody diluted at 1:1000



Western blot analysis of lysates from COS7 cells, using 5-HT-1F Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).