

## **SR-1D Polyclonal Antibody**

Catalog No: YT5668

**Reactivity:** Human; Mouse; Rat

**Applications:** WB;IHC;IF;ELISA

Target: SR-1D

**Fields:** >>cAMP signaling pathway;>>Neuroactive ligand-receptor

interaction;>>Serotonergic synapse;>>Taste transduction

Gene Name: HTR1D

**Protein Name:** 5-hydroxytryptamine receptor 1D

P28221

Q61224

Human Gene Id: 3352

**Human Swiss Prot** 

No:

Mouse Gene Id: 15552

**Mouse Swiss Prot** 

No:

Rat Gene Id: 25323

Rat Swiss Prot No: P28565

Immunogen: Synthesized peptide derived from SR-1D. at AA range: 120-200

**Specificity:** SR-1D Polyclonal Antibody detects endogenous levels of SR-1D 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. IHC: 1:100-1:300. ELISA: 1:10000.. IF 1:50-200

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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: 41kD

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

**Background:** 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

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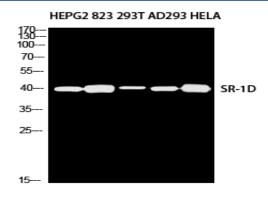
family.,

Subcellular Location:

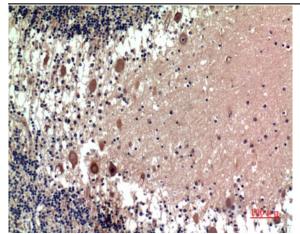
Cell membrane ; Multi-pass membrane protein .

**Expression:** Detected in brain neocortex and caudate nucleus (at protein level).

## **Products Images**



Western blot analysis of HEPG2 823 293T AD293 HELA using SR-1D antibody. Antibody was diluted at 1:500. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded humanbrain, antibody was diluted at 1:100