

SR-1D Polyclonal Antibody
Catalog # AP73851**Specification**

SR-1D Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P28221
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

SR-1D Polyclonal Antibody - Additional Information**Gene ID** 3352**Other Names**HTR1D; HTR1DA; HTRL; 5-hydroxytryptamine receptor 1D; 5-HT-1D; 5-HT1D; 5-HT-1D-alpha;
Serotonin receptor 1D**Dilution**

WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

SR-1D Polyclonal Antibody - Protein Information**Name** HTR1D**Synonyms** HTR1DA, HTRL**Function**

G-protein coupled receptor for 5-hydroxytryptamine (serotonin). Also functions as a receptor for ergot alkaloid derivatives, various anxiolytic and antidepressant drugs and other psychoactive substances. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of down-stream effectors, such as adenylate cyclase. Signaling inhibits adenylate cyclase activity. Regulates the release of 5-hydroxytryptamine in the brain, and thereby affects neural activity. May also play a role in regulating the release of other neurotransmitters. May play a role in vasoconstriction.

Cellular Location

Cell membrane; Multi-pass membrane protein

Tissue Location

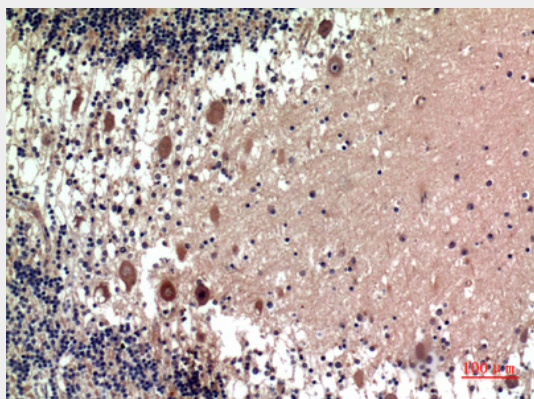
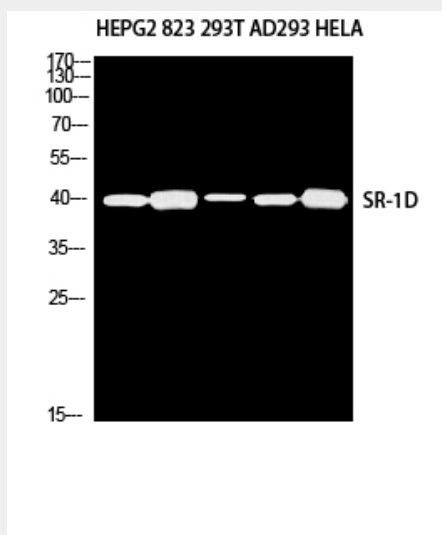
Detected in brain neocortex and caudate nucleus (at protein level).

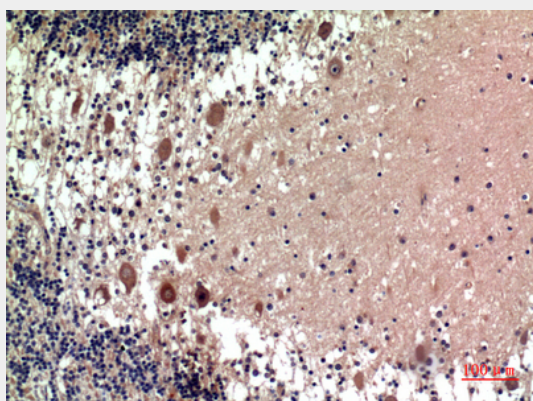
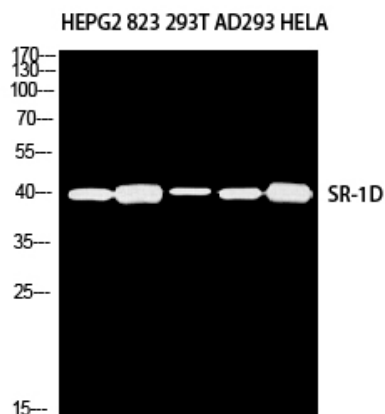
SR-1D Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SR-1D Polyclonal Antibody - Images





SR-1D Polyclonal Antibody - Background

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