

SR-1A Polyclonal Antibody
Catalog # AP72574**Specification**

SR-1A Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P08908
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

SR-1A Polyclonal Antibody - Additional Information**Gene ID** 3350**Other Names**

HTR1A; ADRB2RL1; ADRBRL1; 5-hydroxytryptamine receptor 1A; 5-HT-1A; 5-HT1A; G-21; Serotonin receptor 1A

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. 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-1A Polyclonal Antibody - Protein Information**Name** HTR1A**Synonyms** ADRB2RL1, ADRBRL1**Function**

G-protein coupled receptor for 5-hydroxytryptamine (serotonin). Also functions as a receptor for various drugs and 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. Beta-arrestin family members inhibit signaling via G proteins and mediate activation of alternative signaling pathways. Signaling inhibits adenylate cyclase activity and activates a phosphatidylinositol-calcium second messenger system that regulates the release of Ca(2+) ions from intracellular stores. Plays a role in the regulation of 5-hydroxytryptamine release and in the regulation of dopamine and 5-hydroxytryptamine metabolism. Plays a role in the regulation of dopamine and 5-hydroxytryptamine levels in the brain, and thereby affects neural activity, mood and behavior. Plays a role in the response to anxiogenic stimuli.

Cellular Location

Cell membrane; Multi-pass membrane protein. Cell projection, dendrite
{ECO:0000250|UniProtKB:P19327}

Tissue Location

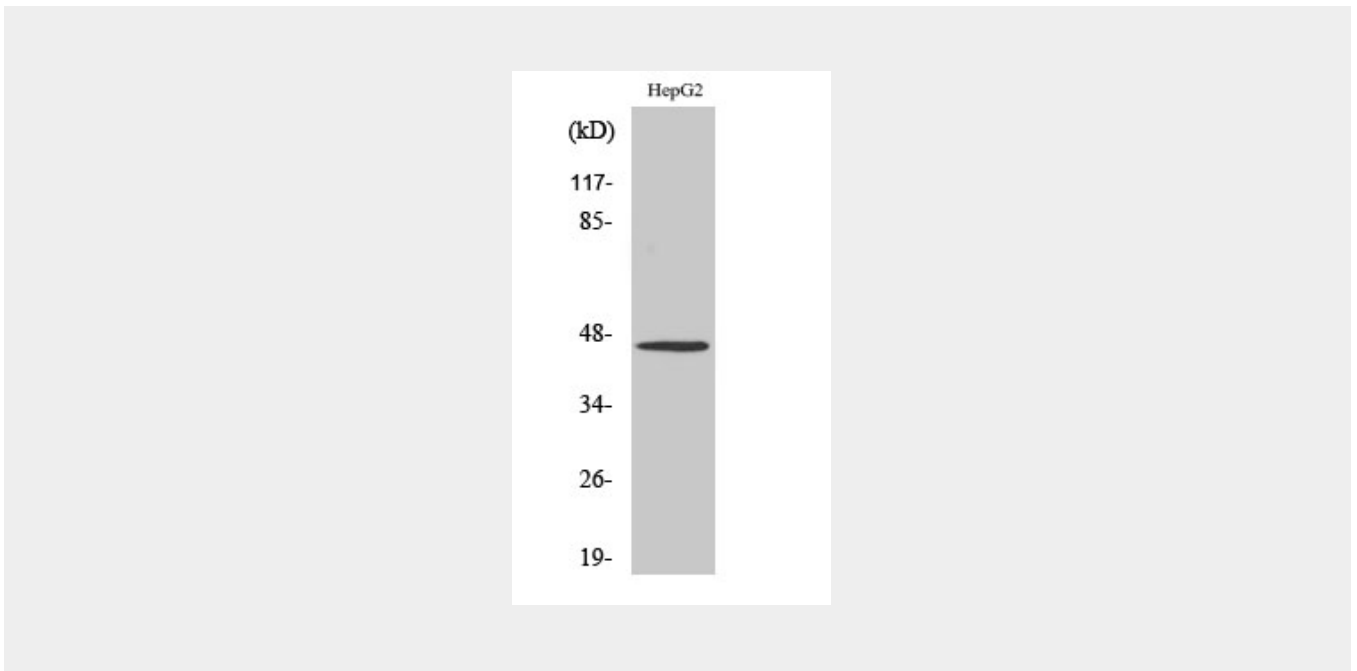
Detected in lymph nodes, thymus and spleen. Detected in activated T-cells, but not in resting T-cells

SR-1A 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-1A Polyclonal Antibody - Images



SR-1A Polyclonal Antibody - Background

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stimuli.