

SR-3D Polyclonal Antibody
Catalog # AP72585**Specification**

SR-3D Polyclonal Antibody - Product Information

Application	WB, IF
Primary Accession	Q70Z44
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

SR-3D Polyclonal Antibody - Additional Information**Gene ID** 200909**Other Names**

HTR3D; 5-hydroxytryptamine receptor 3D; 5-HT3-D; 5-HT3D; Serotonin receptor 3D

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.

IF~~1:50~200

Format

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

Storage Conditions

-20°C

SR-3D Polyclonal Antibody - Protein Information**Name** HTR3D ([HGNC:24004](#))**Function**

Forms serotonin (5-hydroxytryptamine/5-HT3)-activated cation- selective channel complexes, which when activated cause fast, depolarizing responses in neurons.

Cellular Location

Postsynaptic cell membrane; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein. Note=Presumably retained within the endoplasmic reticulum unless complexed with HTR3A

Tissue Location

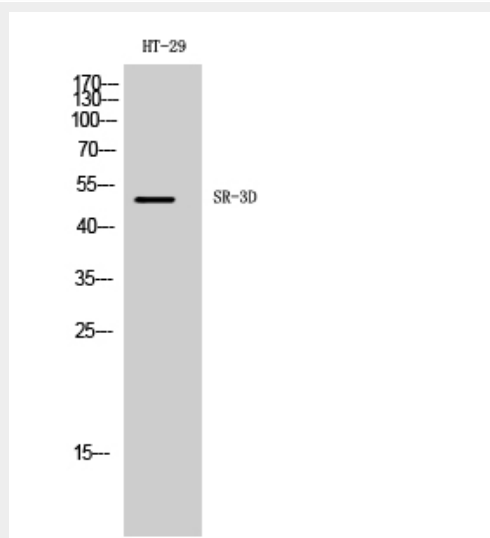
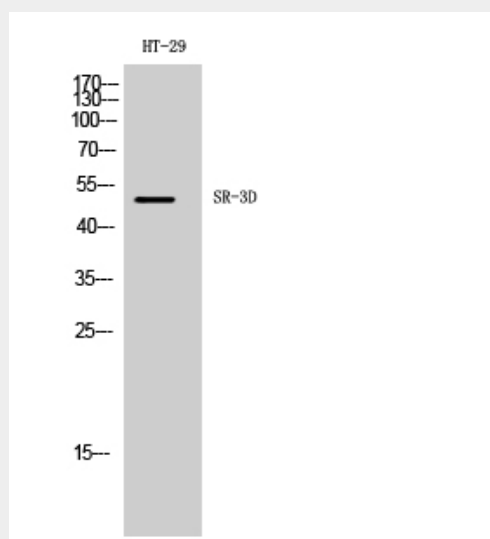
Expressed in liver, as well as fetal and adult colon and kidney.

SR-3D 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-3D Polyclonal Antibody - Images



SR-3D Polyclonal Antibody - Background

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. This receptor is a ligand-gated ion channel, which when activated causes fast, depolarizing responses. It is a

cation-specific, but otherwise relatively nonselective, ion channel.