

SR-3A Polyclonal Antibody
Catalog # AP72584**Specification**

SR-3A Polyclonal Antibody - Product Information

Application	WB, IHC-P, IF
Primary Accession	P46098
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

SR-3A Polyclonal Antibody - Additional Information**Gene ID** 3359**Other Names**

HTR3A; 5HT3R; HTR3; 5-hydroxytryptamine receptor 3A; 5-HT3-A; 5-HT3A; 5-hydroxytryptamine receptor 3; 5-HT-3; 5-HT3R; Serotonin receptor 3A; Serotonin-gated ion channel receptor

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.

IHC-P~~N/A

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-3A Polyclonal Antibody - Protein Information**Name** HTR3A ([HGNC:5297](#))**Synonyms** 5HT3R, HTR3**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 {ECO:0000250|UniProtKB:P23979}.

Cell membrane; Multi-pass membrane protein {ECO:0000250|UniProtKB:P23979}

Tissue Location

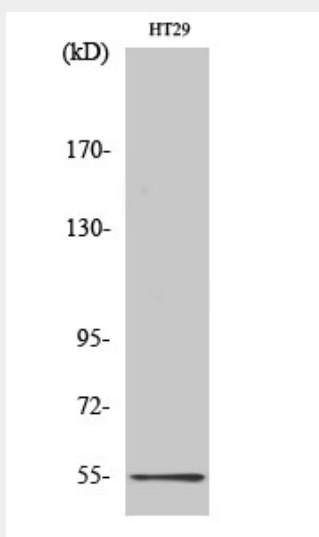
Expressed in cerebral cortex, amygdala, hippocampus, and testis. Detected in monocytes of the spleen and tonsil, in small and large intestine, uterus, prostate, ovary and placenta.

SR-3A Polyclonal Antibody - Protocols

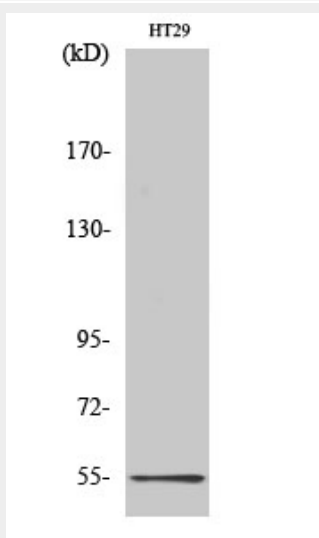
Provided below are standard protocols that you may find useful for product applications.

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

SR-3A Polyclonal Antibody - Images



Western Blot analysis of various cells using SR-3A Polyclonal Antibody



Western Blot analysis of various cells using SR-3A Polyclonal Antibody

SR-3A 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 in neurons. It is a cation-specific, but otherwise relatively nonselective, ion channel.