

SR-4 Polyclonal Antibody
Catalog # AP72586**Specification**

SR-4 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q13639
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

SR-4 Polyclonal Antibody - Additional Information**Gene ID** 3360**Other Names**

HTR4; 5-hydroxytryptamine receptor 4; 5-HT-4; 5-HT4; Serotonin receptor 4

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. 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-4 Polyclonal Antibody - Protein Information**Name** HTR4**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 stimulate adenylate cyclase.

Cellular Location

Cell membrane; Multi-pass membrane protein. Endosome. Note=Interaction with SNX27 mediates recruitment to early endosomes, while interaction with NHERF1 and EZR might target the protein to specialized subcellular regions, such as microvilli

Tissue Location

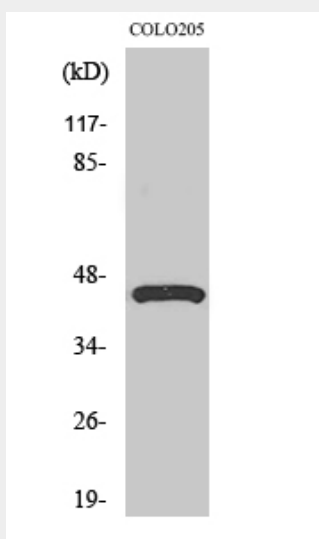
Isoform 5-HT4(A) is expressed in ileum, brain, and atrium, but not in the ventricle.

SR-4 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-4 Polyclonal Antibody - Images



SR-4 Polyclonal Antibody - Background

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