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SR-1E Polyclonal Antibody
Catalog # AP72577

Specification

SR-1E Polyclonal Antibody - Product Information

Application	**WB**
Primary Accession	P28566
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**

SR-1E Polyclonal Antibody - Additional Information

Gene ID 3354

Other Names
HTR1E; 5-hydroxytryptamine receptor 1E; 5-HT-1E; 5-HT1E; S31; Serotonin receptor 1E

Dilution
WB~~Western Blot: 1/500 - 1/2000. 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℃

SR-1E Polyclonal Antibody - Protein Information

Name HTR1E (HGNC:5291)

Function
G-protein coupled receptor for 5-hydroxytryptamine (serotonin) (PubMed:14744596, PubMed:1513320, PubMed:1608964, PubMed:1733778, PubMed:21422162, PubMed:33762731). Also functions as a receptor for various alkaloids and psychoactive substances (PubMed:14744596, PubMed:1513320, PubMed:1608964, PubMed:1733778, PubMed:21422162, PubMed:33762731). Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of downstream effectors, such as adenylate

cyclase (PubMed:14744596, PubMed:1513320, PubMed:1608964, PubMed:1733778, PubMed:21422162, PubMed:33762731). HTR1E is coupled to G(i)/G(o) G alpha proteins and mediates inhibitory neurotransmission by inhibiting adenylate cyclase activity (PubMed:33762731, PubMed:35610220).

Cellular Location
Cell membrane; Multi-pass membrane protein

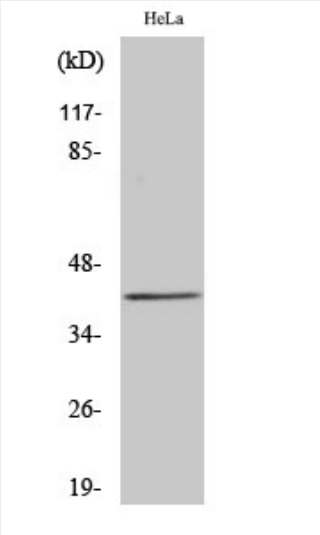
Tissue Location
Detected in brain..

SR-1E 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 Cytomety
- Cell Culture

SR-1E Polyclonal Antibody - Images



SR-1E Polyclonal Antibody - Background

G-protein coupled receptor for 5-hydroxytryptamine (serotonin). Also functions as a receptor for

various alkaloids 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. Signaling inhibits adenylate cyclase activity.