

SR-1E Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP08531
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human 5-HT-1E. AA range:101-150
Mol wt	41682
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	SR-1E Antibody
Synonyms	HTR1E; 5-hydroxytryptamine receptor 1E; 5-HT-1E; 5-HT1E; S31; Serotonin receptor 1E

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

HTR1E (5-Hydroxytryptamine Receptor 1E) is a Protein Coding gene. Diseases associated with HTR1E include attention deficit-hyperactivity disorder. Among its related pathways are Signaling by GPCR and cAMP signaling pathway. Gene Ontology (GO) annotations related to this gene include G-protein coupled receptor activity and serotonin binding. An important paralog of this gene is HTR1F. 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 downstream effectors, such as adenylate cyclase. Signaling inhibits adenylate cyclase activity. Serotonin 5-HT1E receptors are primarily located in the frontal cortex, caudate putamen, claustrum, hippocampus, and amygdala. The human 5-HT1E receptor gene has been localized to chromosome 6 (6q14-q15); the receptor is closely related to the serotonin 5-HT1F receptor.

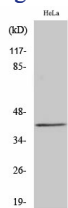
Recommended Dilution

WB: 1: 500 - 1: 2000

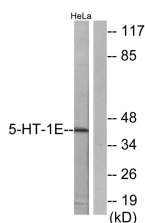
ELISA: 1: 5000

Not yet tested in other applications.

Images



Western Blot analysis of various cells using SR-1E Polyclonal Antibody



Western blot analysis of lysates from HeLa cells, using 5-HT-1E Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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