SR-1E Polyclonal Antibody

Cat #: ABP52491 Size: 30μl /100μl /200μl

Product Information

	Product Name: SR-1E Polyclonal Antibody		
	Applications: WB, ELISA		**Isotype:** Rabbit IgG
	Reactivity: Human		
REF	**Catalog Number:** ABP52491	LOT	**Lot Number:** Refer to product label
	Formulation: Liquid		**Concentration:** 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		**Note:** Contain sodium azide.

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 down-stream 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.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), ELISA (1:5000). Not yet tested in other applications.

Storage Buffer: PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

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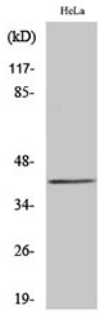	Fig. Western Blot analysis of various cells using SR-1E Polyclonal Antibody.

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