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anti-Serotonin Receptor 1E antibody (AA 223-258)

Images

Overview

Alternative Name:

Background:



Quantity:	200 μL
Target:	Serotonin Receptor 1E (HTR1E)
Binding Specificity:	AA 223-258
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Serotonin Receptor 1E antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This HTR1E antibody is generated from a rabbit immunized with a KLH conjugated synthetic
	peptide between 223-258 amino acids from human HTR1E.
Clone:	RB53325
Isotype:	lg Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	Serotonin Receptor 1E (HTR1E)
Alternation and the second sec	LITRAE (LITRAE D L)

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

HTR1E (HTR1E Products)

Target Details

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.

Molecular Weight: 41682

UniProt: P28566

Pathways: JAK-STAT Signaling, cAMP Metabolic Process

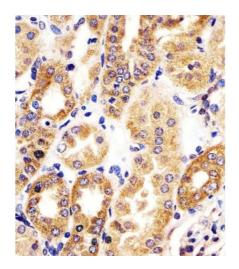
Application Details

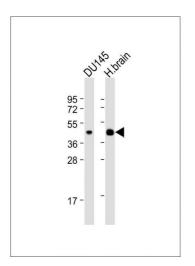
Application Notes: WB: 1:2000. IHC-P: 1:25

Restrictions: For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months





Immunohistochemistry (Paraffin-embedded Sections)

Image 1. (ABIN6242146 and ABIN6578339) staining HTR1E in human kidney tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3 % BSA for 0. 5 hour at room temperature, antigen retrieval was by heat mediation with a citrate buffer (pH 6). Samples were incubated with primary antibody (1/25) for 1 hours at 37 °C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

Western Blotting

Image 2. All lanes: Anti-HTR1E Antibody (C-Term) at 1:2000 dilution Lane 1: D whole cell lysate Lane 2: human brain lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 42 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.