Datasheet for ABIN571019

anti-Serotonin Receptor 3B antibody (Internal Region)

1 Image

Go to Product page

Overview

Quantity:	100 µg
Target:	Serotonin Receptor 3B (HTR3B)
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Serotonin Receptor 3B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Serotonin Receptor 3B / HTR3B
Immunogen:	Peptide with sequence C-SNYLQTQDQTDQQE, from the internal region (near C-terminus) of the protein sequence according to NP_006019.1.
Sequence:	SNYLQTQDQT DQQE
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	Serotonin Receptor 3B (HTR3B)
Alternative Name:	HTR3B (HTR3B Products)
Background:	HTR3B, 5-hydroxytryptamine (serotonin) receptor 3B, 5-HT3B, 5-hydroxytryptamine 3 receptor B subunit, serotonin-gated ion channel subunit
Gene ID:	9177
NCBI Accession:	NP_006019
Pathways:	Synaptic Membrane

Application Details

Application Notes:	Western Blot: Approx 51 kDa band observed in Human Brain (Cerebral Cortex, Hippocampus and Amygdala) lysates (calculated MW of 50.3 kDa according to NP_006019.1). Recommended concentration: 1-3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:16000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Western Blotting

Image 1. ABIN571019 (1µg/ml) staining of Human Cerebral Cortex lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.