Datasheet for ABIN768609

anti-Serotonin Receptor 1A antibody (AA 249-262)

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Overview

Quantity:	100 µg
Target:	Serotonin Receptor 1A (HTR1A)
Binding Specificity:	AA 249-262
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Serotonin Receptor 1A antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	HTR1A (aa249-262)
Immunogen:	Peptide with sequence C-QPKKSVNGESGSRN, from the internal region of the protein sequence according to NP_000515.2.
Sequence:	QPKKSVNGES GSRN
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Recent

Target Details

Target:	Serotonin Receptor 1A (HTR1A)
Alternative Name:	HTR1A (HTR1A Products)
Background:	HTR1A, 5-hydroxytryptamine (serotonin) receptor 1A, 5-HT1A, 5HT1a, ADRB2RL1, ADRBRL1, 5-HT-1A, 5-HT1a receptor, 5-hydroxytryptamine receptor 1A, G protein coupled receptor, G-21, OTTHUMP00000221821, guanine nucleotide-binding regulatory protein-coupled re
Molecular Weight:	37kDa and 35kDa
Gene ID:	3350
NCBI Accession:	NP_000515
Pathways:	JAK-STAT Signaling, Synaptic Membrane, Feeding Behaviour

Application Details

Application Notes:	Western Blot: Preliminary experiments gave bands at approx 37 kDa and 35 kDa in Human Brain (Hippocampus, Substantia nigra) lysates after 0.1 µg/mL antibody staining. Please note that currently we cannot find an explanation in the literature for the bands w 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.