

Datasheet for ABIN768608

**anti-Serotonin Receptor 1A antibody (Internal Region)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	Serotonin Receptor 1A (HTR1A)
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Serotonin Receptor 1A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Purpose:	Htr1a (mouse)
Immunogen:	Peptide with sequence C-ERKNERTAEAKRK, from the internal region of the protein sequence according to NP_032334.2.
Sequence:	ERKNERTAEA KRK
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

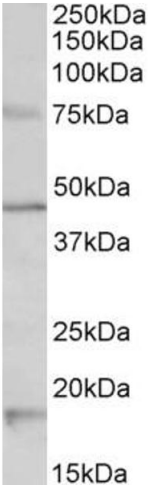
Target:	Serotonin Receptor 1A (HTR1A)
Alternative Name:	Htr1a ( <a href="#">HTR1A Products</a> )
Background:	Htr1a, 5-hydroxytryptamine (serotonin) receptor 1A, Gpcr18, 5-HT-1A, 5-HT1A receptor, 5-hydroxytryptamine receptor 1A, G-protein coupled receptor 18, serotonin receptor 1A
Molecular Weight:	46.2kDa according to Mouse NP_032334.2
Gene ID:	3350, 15550, 24473
NCBI Accession:	<a href="#">NP_032334</a>
Pathways:	<a href="#">JAK-STAT Signaling</a> , <a href="#">Synaptic Membrane</a> , <a href="#">Feeding Behaviour</a>

## Application Details

Application Notes:	Western Blot: Approx 45 kDa band observed in Mouse Brain lysates (calculated MW of 46.2 kDa according to Mouse NP_032334.2). Recommended concentration: 1-3 µg/mL. Additional bands of 75 and 18 kDa of unknown identity were consistently observed. These bands w Peptide ELISA: antibody detection limit dilution 1:128000.
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.** ABIN768608 (1µg/ml) staining of Mouse Brain lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.