

Datasheet for ABIN656126

anti-Serotonin Receptor 3A antibody (N-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	400 µL
Target:	Serotonin Receptor 3A (HTR3A)
Binding Specificity:	AA 30-58, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Serotonin Receptor 3A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This HTR3A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 30-58 amino acids from the N-terminal region of human HTR3A.
Clone:	RB32257
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Serotonin Receptor 3A (HTR3A)
Alternative Name:	HTR3A (HTR3A Products)
Background:	The product of this gene belongs to the ligand-gated ion channel receptor superfamily. This

Target Details

gene encodes subunit A of the type 3 receptor for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. This receptor causes fast, depolarizing responses in neurons after activation. It appears that the heteromeric combination of A and B subunits is necessary to provide the full functional features of this receptor, since either subunit alone results in receptors with very low conductance and response amplitude. Alternatively spliced transcript variants encoding different isoforms have been identified.

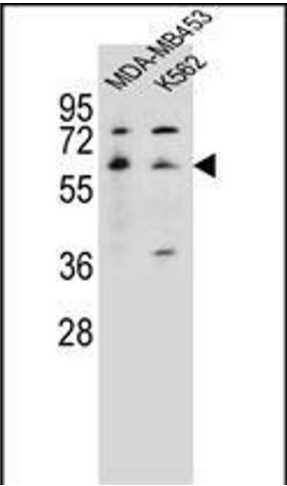
Molecular Weight:	55280
Gene ID:	3359
NCBI Accession:	NP_000860 , NP_001155244 , NP_998786
UniProt:	P46098
Pathways:	Synaptic Membrane

Application Details

Application Notes:	WB: 1:1000
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
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Western Blotting

Image 1. HTR3A Antibody (N-term) (ABIN656126 and ABIN2845467) western blot analysis in MDA-M,K562 cell line lysates (35 µg/lane).This demonstrates the HTR3A antibody detected the HTR3A protein (arrow).