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Datasheet for ABIN516757

## anti-Serotonin Receptor 5A antibody (AA 223-282)

### 3 Images

#### Overview

Quantity:	100 µg
Target:	Serotonin Receptor 5A (HTR5A)
Binding Specificity:	AA 223-282
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Serotonin Receptor 5A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

#### Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant HTR5A.
Immunogen:	HTR5A (NP_076917, 223 a.a. ~ 282 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	IYKAAKFRVG SRKTNSVSP I SEAVEVKDSA KQPQMVFTVR HATVTFQPEG DTWREQEQR
Clone:	3D1
Isotype:	IgG2a
Cross-Reactivity:	Human, Rat
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

Target:	Serotonin Receptor 5A (HTR5A)
Alternative Name:	HTR5A ( <a href="#">HTR5A Products</a> )
Background:	Full Gene Name: 5-hydroxytryptamine (serotonin) receptor 5A Synonyms: 5-HT5A,MGC138226
Gene ID:	3361
NCBI Accession:	<a href="#">NM_024012</a>
Pathways:	<a href="#">JAK-STAT Signaling</a>

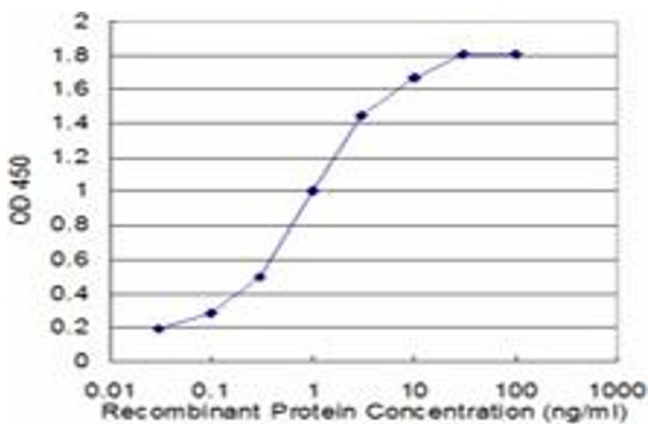
## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

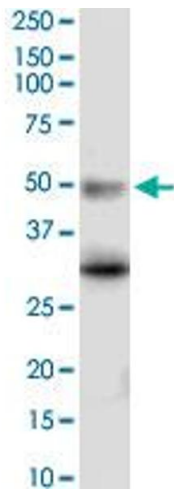
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Images



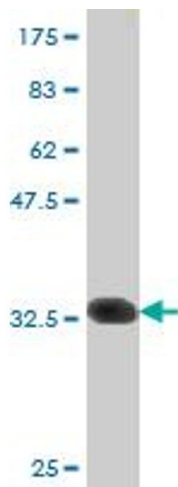
### ELISA

**Image 1.** Detection limit for recombinant GST tagged HTR5A is approximately 0.03ng/ml as a capture antibody.



### Western Blotting

**Image 2.** HTR5A monoclonal antibody (M02), clone 3D1. Western Blot analysis of HTR5A expression in PC-12.



### Western Blotting

**Image 3.** Western Blot detection against Immunogen (32.34 kDa).