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Datasheet for ABIN7005088 anti-HTR2A antibody

Image



Overview

Quantity:	20 µL
Target:	HTR2A
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HTR2A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Synthetic peptide of human HTR2A
Isotype:	lgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

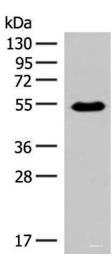
Target Details

Target:	HTR2A
Alternative Name:	HTR2A (HTR2A Products)
Background:	This gene encodes one of the receptors for serotonin, a neurotransmitter with many roles. Mutations in this gene are associated with susceptibility to schizophrenia and obsessive-
	compulsive disorder, and are also associated with response to the antidepressant citalopram in patients with major depressive disorder (MDD). MDD patients who also have a mutation in

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Target Details	
	intron 2 of this gene show a significantly reduced response to citalopram as this antidepressant downregulates expression of this gene. Multiple transcript variants encoding different isoforms have been found for this gene.
Molecular Weight:	Observed_MW: Refer to figures Calculated_MW: 53 kDa
UniProt:	P28223
Pathways:	JAK-STAT Signaling, Inositol Metabolic Process, Regulation of Carbohydrate Metabolic Process
Application Details	
Application Notes:	WB 1:500-1:2000, ELISA 1:5000-1:10000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.54 mg/mL
Buffer:	PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4
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:	-20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of Human fetal brain tissue lysate using HTR2A Polyclonal Antibody at dilution of 1:200

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