Datasheet for ABIN1535553

anti-Serotonin Receptor 2B antibody (AA 15-64)

2 Images

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Overview

Quantity:	100 µL
Target:	Serotonin Receptor 2B (HTR2B)
Binding Specificity:	AA 15-64
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Serotonin Receptor 2B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human HTR2B.
Isotype:	IgG
Specificity:	HTR2B Antibody detects endogenous levels of total HTR2B protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	Serotonin Receptor 2B (HTR2B)
Alternative Name:	HTR2B (HTR2B Products)
Background:	Synonyms: 5-hydroxytryptamine receptor 2B, 5-HT-2B, Serotonin receptor 2B, HTR2B

Target Details

	NCBI Gene Symbol: HTR2B
Molecular Weight:	54 kDa
Gene ID:	3357
OMIM:	601122
UniProt:	P41595
Pathways:	JAK-STAT Signaling, Inositol Metabolic Process, Regulation of G-Protein Coupled Receptor Protein Signaling, Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	WB: 1:500~1:1000 IF: 1:100~1:500 ELISA: 1:10000
Comment:	Unigene-Number: Hs.421649 (NCBI Gene Symbol: HTR2B)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months

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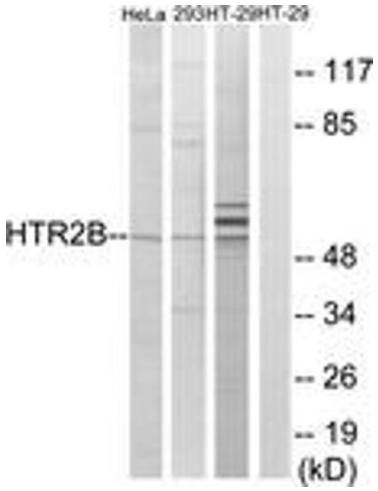
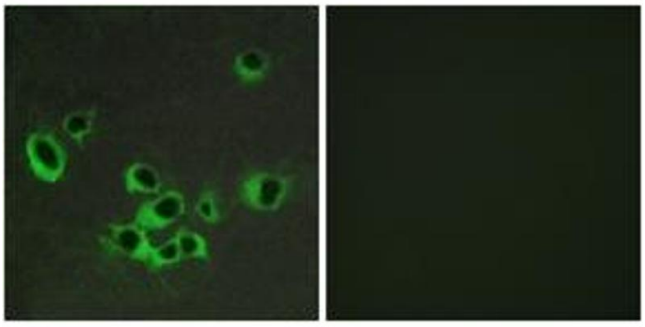


Western Blotting

Image 1. Western blot analysis of extracts from HT-29/293/HeLa cells, using HTR2B Antibody. The lane on the right is treated with the synthesized peptide.



Immunofluorescence

Image 2. Immunofluorescence analysis of COS7 cells, using HTR2B Antibody. The picture on the right is treated with the synthesized peptide.