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Datasheet for ABIN1049520
anti-HTR2A antibody (AA 296-309)

4 Images

Overview

Quantity:	100 µg
Target:	HTR2A
Binding Specificity:	AA 296-309
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This HTR2A antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	5HT2A Receptor (aa296-309)
Immunogen:	Peptide with sequence C-QRSIHREPGSYTGR, from the internal region of the protein sequence according to NP_000612.1, NP_001159419.1.
Sequence:	QRSIHREPGS YTGR
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_000612.1, NP_001159419.1).
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade: Verified

Target Details

Target: HTR2A

Alternative Name: HTR2A ([HTR2A Products](#))

Background: HTR2A, 5-hydroxytryptamine (serotonin) receptor 2A, 5-HT2A, HTR2, 5-HT-2, 5-HT-2A, 5-HT2 receptor, 5-hydroxytryptamine receptor 2A, OTTHUMP00000018378, serotonin 5-HT-2A receptor, serotonin receptor 2A

Gene ID: 3356

NCBI Accession: [NP_000612](#), [NP_001159419](#)

Pathways: [JAK-STAT Signaling](#), [Inositol Metabolic Process](#), [Regulation of Carbohydrate Metabolic Process](#)

Application Details

Application Notes: Immunohistochemistry: Paraffin embedded Human Brain (Cerebellum). Recommended concentration: 2 µg/mL.
Peptide ELISA: antibody detection limit dilution 1:128000.

Comment: **Immunofluorescence:** Strong expression of the protein seen in the cytoplasm of A549 cells. Recommended concentration: 10µg/ml.
Flow Cytometry: Flow cytometric analysis of A549 cells. Recommended concentration: 10ug/ml.<

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

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.

Images

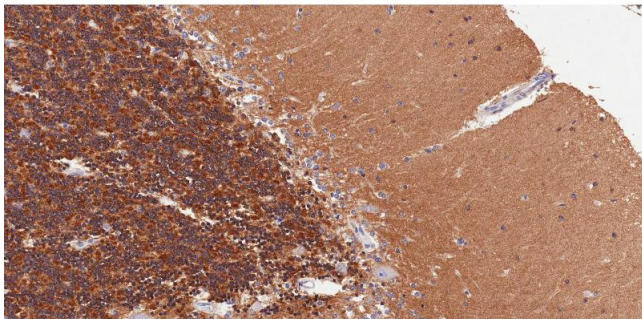


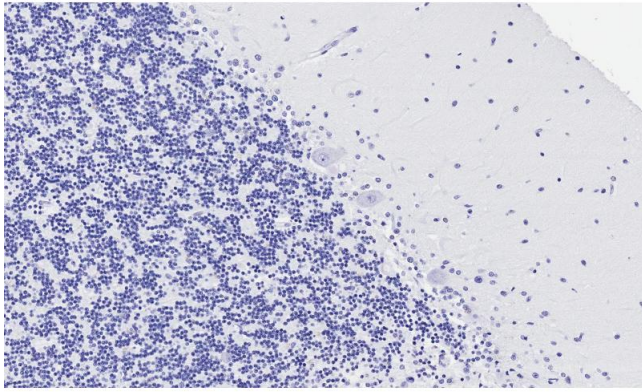
Immunofluorescence

Image 1. ABIN1049520 Immunofluorescence analysis of paraformaldehyde fixed A549 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

Immunohistochemistry

Image 2. ABIN1049520 (2µg/ml) staining of paraffin embedded Human Cerebellum. Microwaved antigen retrieval with citrate buffer pH 6, HRP-staining.





Immunohistochemistry

Image 3. ABIN1049520 Negative Control showing staining of paraffin embedded Human Cerebellum, with no primary antibody.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN1049520.