

## Anti-5HT2A Receptor antibody (296-309) (STJ72883)

STJ72883

### GENERAL INFORMATION

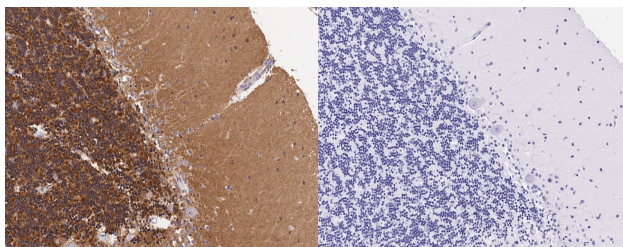
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Goat polyclonal antibody anti-5HT2A Receptor (296-309) is suitable for use in ELISA, Immunohistochemistry, Immunofluorescence and Flow Cytometry research applications.
<b>Applications</b>	Pep-ELISA/IHC/IF/FC
<b>Host/Source</b>	Goat
<b>Reactivity</b>	Human

### PRODUCT PROPERTIES

<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	0.5 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Dilution Range</b>	Peptide ELISA: antibody detection limit dilution 1:128000. IHC: Paraffin embedded Human Brain (Cerebellum). Recommended concentration: 2µg/ml. IF: Strong expression of the protein seen in the cytoplasm of A549 cells. Recommended concentration 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
<b>Formulation</b>	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C on receipt and minimise freeze-thaw cycles.

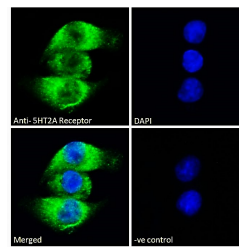
### TARGET INFORMATION

<b>Gene ID</b>	3356
<b>Gene Symbol</b>	HTR2A
<b>Uniprot ID</b>	5HT2A_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	296-309
<b>Specificity</b>	This antibody is expected to recognize both reported isoforms (NP_000612.1; NP_001159419.1).
<b>Immunogen Sequence</b>	QRSIHREPGSYTGR

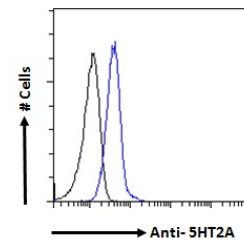


STJ72883 (2µg/ml) staining of paraffin embedded Human Cerebellum. Microwaved antigen retrieval with citrate buffer pH 6, HRP-staining.

STJ72883 Negative Control showing no staining of paraffin embedded Human Cerebellum, with no primary antibody.



STJ72883 Immunofluorescence analysis of paraformaldehyde fixed A549 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10µg/ml) followed by Alexa Fluor 488 secondary antibody (2µg/ml) showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10µg/ml) followed by Alexa Fluor 488 secondary antibody (2µg/ml).



STJ72883 Flow cytometric analysis of paraformaldehyde fixed A549 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10µg/ml) followed by Alexa Fluor 488 secondary antibody (1µg/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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