

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

STJ72883

GENERAL INFORMATION

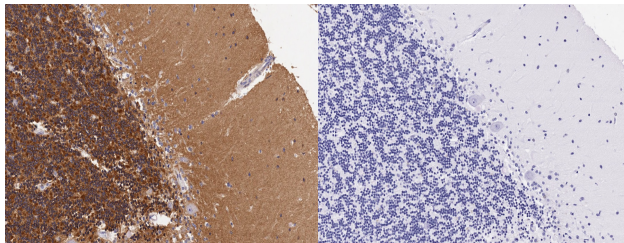
Product Type	Primary antibodies
Short Description	Goat polyclonal antibody anti-5HT2A Receptor (296-309) is suitable for use in ELISA and Western Blot research applications.
Applications	Pep-ELISA, WB
Host/Source	Goat
Reactivity	Human

PRODUCT PROPERTIES

Clonality	Polyclonal
Clone ID	
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	IHC-2µg/ml IF-Strong expression of the protein seen in the cytoplasm of A549 cells. 10µg/ml FC-Flow cytometric analysis of A549 cells. 10ug/ml ELISA-antibody detection limit dilution 1:128000.
Formulation	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
Isotype	IgG
Storage Instruction	Store at -20 on receipt and minimise freeze-thaw cycles.

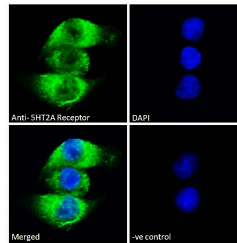
TARGET INFORMATION

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

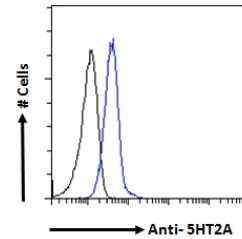


STJ72883 (2µg/ml) staining of paraffin embedded Human Cerebellum. Microwaved antigen retrieval with citrate buffer pH 6, HRP-staining.

STJ72883 Negative Control showing 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 (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).



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