

## Anti-5HT7 Receptor antibody (1-100) [S8MR] (STJ11103088)

STJ11103088

### GENERAL INFORMATION

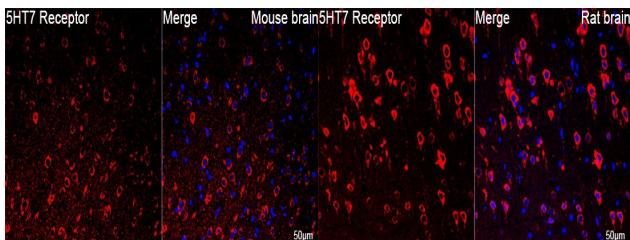
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IF/ICC/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

### PRODUCT PROPERTIES

<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	S8MR
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB:1:1000-1:2000 IF/ICC:1:200-1:800 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
<b>Formulation</b>	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

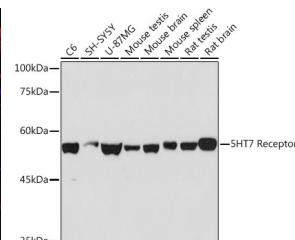
### TARGET INFORMATION

<b>Gene ID</b>	3363
<b>Gene Symbol</b>	HTR7
<b>Uniprot ID</b>	5HT7R_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	1-100
<b>Specificity</b>	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human 5HT7 Receptor (P34969).
<b>Immunogen Sequence</b>	MMDVNSSGRPDLYGHLSFL LPEVGRGLPDLSPDGGADPV AGSWAPHILLSEVTASPAWTW DAPPDNASGCGEQINYGRVE KVVIGSILTLTLLTAGNC



Confocal imaging of a paraffin-embedded Mouse brain using a 5HT7 Receptor Rabbit monoclonal antibody (STJ11103088, dilution 1:100) followed by a further incubation with a secondary Avi-Rabbit IgG (H+L) (dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform microwave antigen retrieval with 0.01 M citRate buffer (pH 6.0) prior to IF staining.

Confocal imaging of a paraffin-embedded Rat brain using a 5HT7 Receptor Rabbit monoclonal antibody (STJ11103088, dilution 1:100) followed by a further incubation with a secondary Avi-Rabbit IgG (H+L) (dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform microwave antigen retrieval with 0.01 M citRate buffer (pH 6.0) prior to IF staining.



Western blot analysis of various lysates using 5HT7 Receptor Rabbit monoclonal antibody (STJ11103088) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.