

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

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

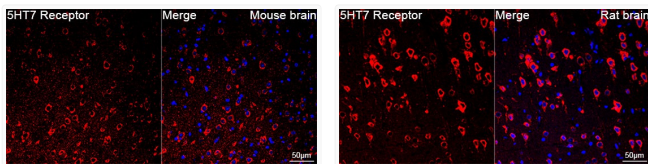
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:2000 IF/ICC:1:200-1:800 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 54kDa Observed Mw: 54kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

Gene ID	3363
Gene Symbol	HTR7
UniProt ID	5HT7R_HUMAN
Immunogen Region	1-100
Immunogen Sequence	MMDVNSSGRPDLYGHLRSFL LPEVGRGLPDLSPDGGADPV AGSWAPHLLSEVTASPPTW DAPPDNASGCGEQINYGRVE KVVIGSILTLITLLTIAGNC
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human 5HT7 Receptor (P34969).

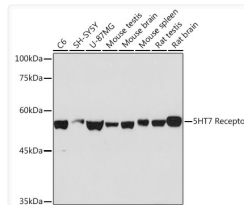
ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Confocal imaging of paraffin-embedded Mouse brain using 5HT7 Receptor Rabbit monoclonal antibody (STJ11103088, dilution 1:100) followed by a further incubation with Cy3 Goat Anti-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 paraffin-embedded Rat brain using 5HT7 Receptor Rabbit monoclonal antibody (STJ11103088, dilution 1:100) followed by a further incubation with Cy3 Goat Anti-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 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.