

Rabbit 5-HT-5A Polyclonal Antibody | anti-5-HT-5A antibody

5-HT-5A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321154	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

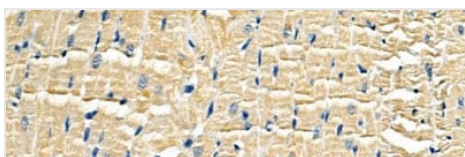
PRODUCT SYNONYMS

5-HT-5A; Polyclonal Antibody; 5-HT-5A Antibody; HTR5A; 5 HT 5A; 5 hydroxytryptamine 5A receptor; 5-HT-5; 5-HT5A; 5-hydroxytryptamine receptor 5A; 5HT5A; 5HT5A_HUMAN; Serotonin receptor 5A; anti-5-HT-5A antibody

PRODUCT SPECIFICATIONS

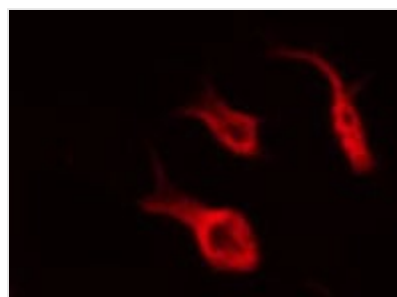
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	5HT5A receptor Antibody detects endogenous levels of total 5HT5A receptor.
Purity/Purification	Peptide affinity purification
Form/Format	IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-5-HT-5A antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human 5HT5A receptor, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20°C.

IMAGES



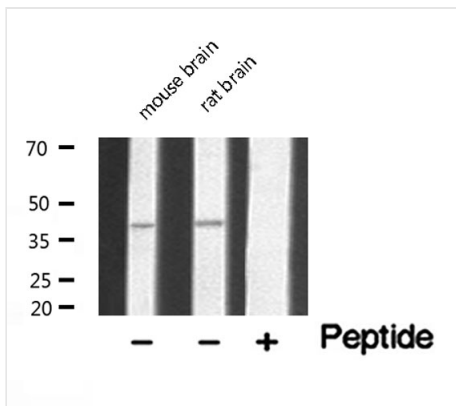
IHC (Immunohistochemistry)

AAA321154 at 1/100 staining Rat heart tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



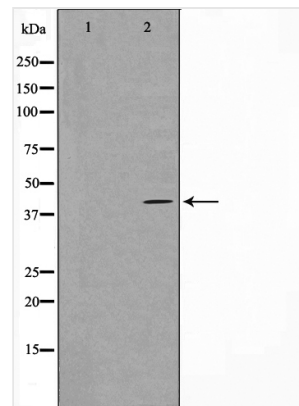
IF (Immunofluorescence)

AAA321154 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from various samples, using 5-HT-5A Antibody. Lane 1: Mouse brain lysates; Lane 2: Rat brain lysates; Lane 3: Rat brain lysates treated with blocking peptide;



WB (Western Blot)

Western blot analysis on HeLa cell lysate using 5-HT-5A Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-5-HT-5A antibody

5-HT(5A) This is one of the several different receptors for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. The activity of this receptor is mediated by G proteins. Belongs to the G-protein coupled receptor 1 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13236497
NCBI GeneID	3361
NCBI Accession #	NP_076917.1
NCBI GenBank Nucleotide #	NM_024012.3
UniProt Accession #	P47898; Q2M2D2
Molecular Weight	40kDa
NCBI Official Full Name	5-hydroxytryptamine receptor 5A
NCBI Official Synonym Full Names	5-hydroxytryptamine receptor 5A
NCBI Official Symbol	HTR5A
NCBI Official Synonym Symbols	5-HT5A
NCBI Protein Information	5-hydroxytryptamine receptor 5A
UniProt Protein Name	5-hydroxytryptamine receptor 5A
UniProt Gene Name	HTR5A
UniProt Synonym Gene Names	5-HT-5; 5-HT-5A; 5-HT5A

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/5-ht-5a-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/321154>