

Rabbit anti-Human HTR1A Polyclonal Antibody | anti-HTR1A antibody

HTR1A antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201717	Rabbit	Human	Immunofluorescence, Western Blot

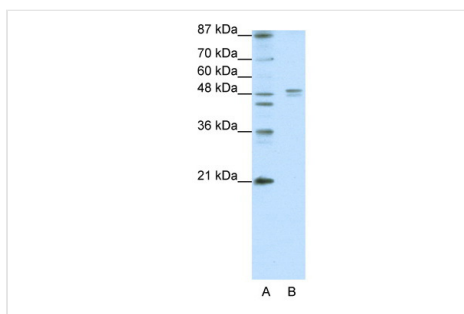
PRODUCT SYNONYMS

HTR1A; Polyclonal Antibody; HTR1A antibody - N-terminal region; anti-HTR1A antibody

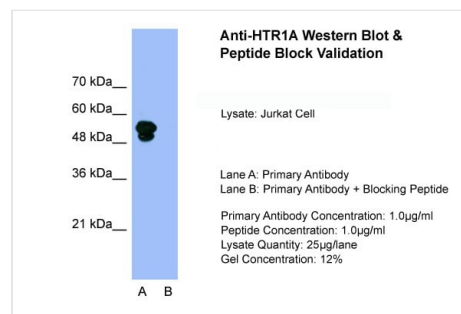
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: GQ GNNTTSPAP FETGGNTTGI SDVTVSYQVI TSLLGLTIF CAVLGNAC
Sequence Length	422
Applicable Applications for anti-HTR1A antibody	IF (Immunofluorescence), WB (Western Blot)
Homology	Human: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human HTR1A
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

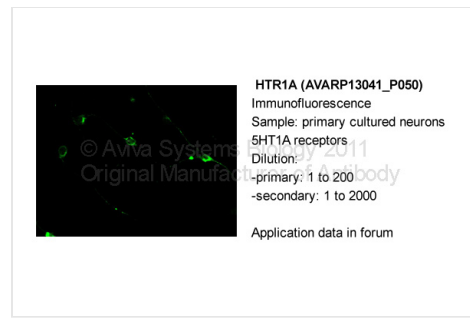
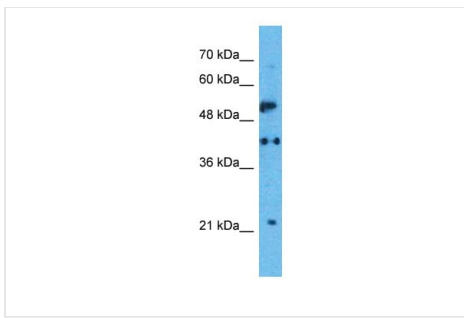
IMAGES


WB (Western Blot)

HTR1A antibody - N-terminal region validated by WB using primary cultured neurons


WB (Western Blot)

Host: Rabbit
Target Name: HTR1A
Sample Type: Jurkat
Lane A: Primary Antibody
Lane B: Primary Antibody + Blocking Peptide
Primary Antibody Concentration: 1.0ug/mL
Peptide Concentration: 1.0ug/mL
Lysate Quantity: 25ug/lane
Gel Concentration: 12%



WB (Western Blot)

Host: Rabbit Target Name: HTR1A Sample Type: Jurkat Whole Cell lysates Antibody Dilution: 1.0ug/ml

IF (Immunofluorescence)

Primary cultured neurons 5HT1A Receptors Dilution: Primary: 1:200 Secondary: 1:2000

ADDITIONAL INFORMATION

Related Product Information for anti-HTR1A antibody	This is a rabbit polyclonal antibody against HTR1A. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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 that inhibits adenylate cyclase activity.
Product Categories/Family for anti-HTR1A antibody	Polyclonal; Cell Biology; Various; Receptors; GPCR

NCBI AND UNIPROT INFORMATION

NCBI GI #	55956923
NCBI GeneID	3350
NCBI Accession #	NP_000515
NCBI GenBank Nucleotide #	NM_000524
UniProt Accession #	P08908
Molecular Weight	46kDa
NCBI Official Full Name	5-hydroxytryptamine receptor 1A
NCBI Official Synonym Full Names	5-hydroxytryptamine receptor 1A
NCBI Official Symbol	HTR1A
NCBI Official Synonym Symbols	G-21; 5HT1a; PFMCD; 5-HT1A; 5-HT-1A; ADRBRL1; ADRB2RL1
NCBI Protein Information	5-hydroxytryptamine receptor 1A
UniProt Protein Name	5-hydroxytryptamine receptor 1A
UniProt Gene Name	HTR1A
UniProt Synonym Gene Names	ADRB2RL1; ADRBRL1; 5-HT-1A; 5-HT1A
UniProt Entry Name	5HT1A_HUMAN

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.

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 Online datasheet: <https://stage.aaabiotech.com/polyclonal/htr1a-antibody-immunofluorescence-western-blot-elisa/201717>