

Rabbit anti-Human, Rat HTR2A Polyclonal Antibody | anti-HTR2A antibody

HTR2A Antibody

CATALOG # AAA308631	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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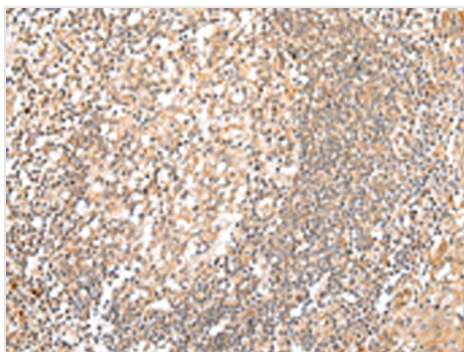
PRODUCT SYNONYMS

HTR2A; Polyclonal Antibody; HTR2A Antibody; HTR2; 5-HT2A; anti-HTR2A antibody

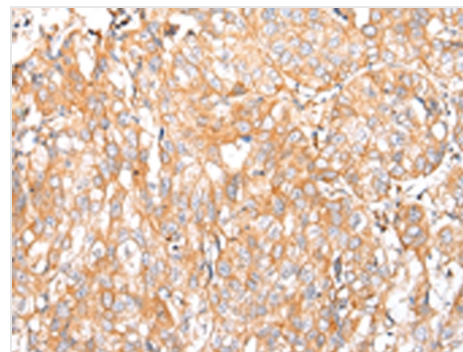
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total HTR2A protein.
Purity/Purification	Antigen Affinity Purification
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	3 mg/ml (varies by lot)
Sequence Length	471
Applicable Applications for anti-HTR2A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide of human HTR2A
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C

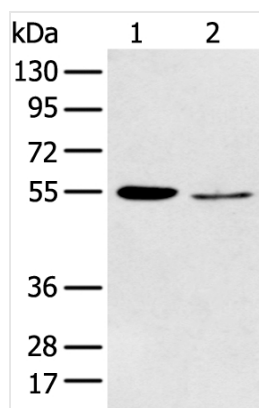
IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human tonsil tissue using at dilution 1/50.


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human breast cancer tissue using at dilution 1/50.



WB (Western Blot)

Gel: 8%SDS-PAGE Lysate: 40 µg Lane 1-2: Human fetal brain tissue and rat brain tissue Primary antibody: 1/700 dilution Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution Exposure time: 40 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-HTR2A antibody	This gene encodes one of the receptors for serotonin, a neurotransmitter with many roles. Mutations in this gene are associated with susceptibility to schizophrenia and obsessive-compulsive disorder, and are also associated with response to the antidepressant citalopram in patients with major depressive disorder (MDD). MDD patients who also have a mutation in intron 2 of this gene show a significantly reduced response to citalopram as this antidepressant downregulates expression of this gene.
Product Categories/Family for anti-HTR2A antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	10835175
NCBI GeneID	3356
NCBI Accession #	NP_000612.1
NCBI GenBank Nucleotide #	NM_000621.4
UniProt Accession #	P28223 ; Q5T8C0 ; B2RAC5 ; B4DZ79 ; F5GWE8
Molecular Weight	43,940 Da
NCBI Official Full Name	5-hydroxytryptamine receptor 2A isoform 1
NCBI Official Synonym Full Names	5-hydroxytryptamine receptor 2A
NCBI Official Symbol	HTR2A
NCBI Official Synonym Symbols	HTR2; 5-HT2A
NCBI Protein Information	5-hydroxytryptamine receptor 2A
UniProt Protein Name	5-hydroxytryptamine receptor 2A
UniProt Gene Name	HTR2A
UniProt Synonym Gene Names	HTR2; 5-HT-2; 5-HT-2A
UniProt Entry Name	5HT2A_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.

