

Rabbit anti-Human 5-HT-4 Polyclonal Antibody | anti-5-HT-4 antibody

5-HT-4 Antibody

CATALOG # AAA305149	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
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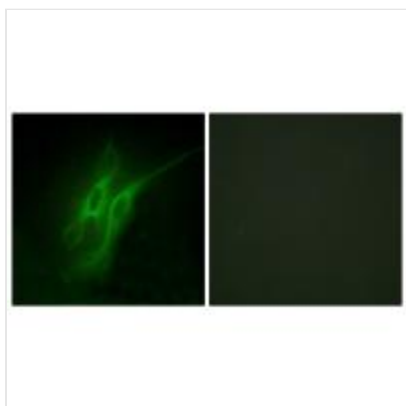
PRODUCT SYNONYMS

5-HT-4; Polyclonal Antibody; 5-HT-4 Antibody; 5-hydroxytryptamine receptor 4; Serotonin receptor 4; 5-HT4; HTR4; anti-5-HT-4 antibody

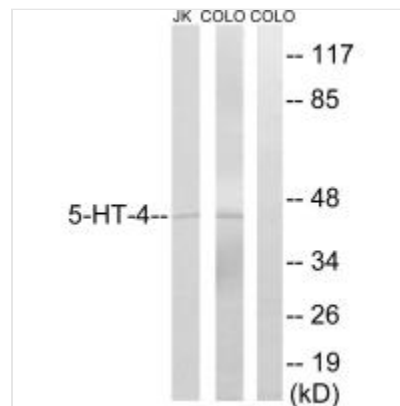
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total 5-HT-4 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	388
Applicable Applications for anti-5-HT-4 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human 5-HT-4.
Target Name	5-HT-4
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells, using 5-HT-4 antibody.


WB (Western Blot)

Western blot analysis of extracts from JK and colo cells, using 5-HT-4 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-5-HT-4 antibody	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 stimulate adenylate cyclase.
Product Categories/Family for anti-5-HT-4 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	11321563
NCBI GeneID	3360
NCBI Accession #	NP_000861.1
NCBI GenBank Nucleotide #	NM_000870.6
UniProt Accession #	Q13639; Q546Q1; Q684M0; Q712M9; Q96KH9; Q96KI0; Q9H199; Q9NY73; Q9UBM6; Q9UBT4; Q9UE22; C4WYH4
Molecular Weight	46,907 Da
NCBI Official Full Name	5-hydroxytryptamine receptor 4 isoform b
NCBI Official Synonym Full Names	5-hydroxytryptamine (serotonin) receptor 4, G protein-coupled
NCBI Official Symbol	HTR4
NCBI Official Synonym Symbols	5-HT4; 5-HT4R
NCBI Protein Information	5-hydroxytryptamine receptor 4
UniProt Protein Name	5-hydroxytryptamine receptor 4
UniProt Gene Name	HTR4
UniProt Synonym Gene Names	5-HT-4; 5-HT4
UniProt Entry Name	5HT4R_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.