

DNAxPAb

Hard-to-Find
Antibody

HTR7 DNAxPab

Catalog # H00003363-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human HTR7 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Extracellular membrane domain (ECD) human DNA
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — HTR7

Entrez GeneID	3363
GeneBank Accession#	NM_019860.2
Protein Accession#	NP_062874.1
Gene Name	HTR7
Gene Alias	5-HT7
Gene Description	5-hydroxytryptamine (serotonin) receptor 7 (adenylate cyclase-coupled)
Omim ID	182137
Gene Ontology	Hyperlink
Gene Summary	The neurotransmitter, serotonin, is thought to play a role in various cognitive and behavioral functions. The serotonin receptor encoded by this gene belongs to the superfamily of G protein-coupled receptors and the gene is a candidate locus for involvement in autistic disorder and other neuropsychiatric disorders. Three splice variants have been identified which encode proteins that differ in the length of their carboxy terminal ends. [provided by RefSeq]
Other Designations	5-hydroxytryptamine receptor 7 OTTHUMP00000020077 OTTHUMP00000020078 OTTHUMP00000020079 serotonin 5-HT-7 receptor

Pathway

- [Calcium signaling pathway](#)
- [Neuroactive ligand-receptor interaction](#)

Disease

- [Acute Disease](#)
- [Alcoholism](#)
- [Alzheimer Disease](#)
- [Anorexia Nervosa](#)
- [Autistic Disorder](#)
- [Bulimia](#)
- [Cognition](#)

- [Cognition Disorders](#)
- [Fatigue](#)
- [Fatigue Syndrome](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Mental Disorders](#)
- [Migraine Disorders](#)
- [Psychiatric Status Rating Scales](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Weight Gain](#)