

HTR3A rabbit monoclonal antibody

Catalog # H00003359-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human HTR3A peptide using ARM Technology.
Immunogen	A synthetic peptide of human HTR3A is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human HTR3A peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — HTR3A

Entrez GeneID	3359
GeneBank Accession#	HTR3A
Gene Name	HTR3A
Gene Alias	5-HT-3, 5-HT3A, 5-HT3R, 5HT3R, HTR3
Gene Description	5-hydroxytryptamine (serotonin) receptor 3A
Omim ID	182139
Gene Ontology	Hyperlink
Gene Summary	The product of this gene belongs to the ligand-gated ion channel receptor superfamily. This gene encodes subunit A of the type 3 receptor for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. This receptor causes fast, depolarizing responses in neurons after activation. It appears that the heteromeric combination of A and B subunits is necessary to provide the full functional features of this receptor, since either subunit alone results in receptors with very low conductance and response amplitude. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]
Other Designations	5-hydroxytryptamine (serotonin) receptor-3 5HT3 serotonin receptor serotonin receptor serotonin-gated ion channel receptor

Disease

- [Alcoholism](#)
- [Anorexia Nervosa](#)
- [Antisocial Personality Disorder](#)
- [Anxiety Disorders](#)
- [Attention](#)
- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Borderline Personality Disorder](#)

- [Breast Neoplasms](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Cognition](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Dyspepsia](#)
- [Eating Disorders](#)
- [Edema](#)
- [Fatigue](#)
- [Fatigue Syndrome](#)
- [Fibromyalgia](#)
- [Genetic Predisposition to Disease](#)
- [Habituation](#)
- [Hypercholesterolemia](#)
- [Mental Disorders](#)
- [Migraine Disorders](#)
- [Mood Disorders](#)
- [Nausea](#)
- [Neoplasms](#)
- [Neuropsychological Tests](#)
- [Obsessive-Compulsive Disorder](#)
- [Pattern Recognition](#)
- [Personality Assessment](#)
- [Personality Inventory](#)

- [Pregnancy Complications](#)
- [Psychiatric Status Rating Scales](#)
- [Psychomotor Performance](#)
- [Reaction Time](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Sleep Apnea](#)
- [Substance Withdrawal Syndrome](#)
- [Vomiting](#)
- [Weight Gain](#)