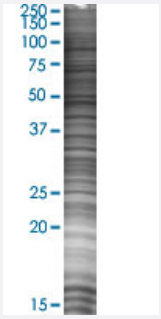
HTR3A 293T Cell Transient Overexpression Lysate(Denatured)

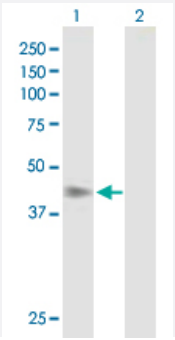
Catalog # H00003359-T01 Size 100 uL

Applications



SDS-PAGE Gel

HTR3A transfected lysate.



Western Blot

Lane 1: HTR3A transfected lysate (55.3 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-HTR3A full-length
Host	Human
Theoretical MW (kDa)	55.3
Interspecies Antigen Sequence	Mouse (83); Rat (84)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-HTR3A antibody (H00003359-B01P) by W estern Blots. SDS-PAGE Gel HTR3A transfected lysate. Western Blot Lane 1: HTR3A transfected lysate (55.3 KDa) Lane 2: Non-transfected lysate.
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bro mophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — HTR3A

Entrez GeneID	3359
GeneBank Accession#	BC002354.2
Protein Accession#	AAH02354.1
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, depola rizing 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 splice d 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