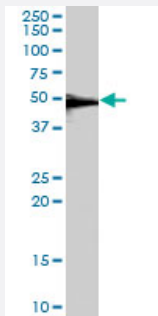


HTR1B polyclonal antibody

Catalog # PAB7035

Size 100 ug

Applications



Western Blot (Tissue lysate)

HTR1B polyclonal antibody (Cat # PAB7035) (2 ug/mL) staining of human brain lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description Goat polyclonal antibody raised against synthetic peptide of HTR1B.

Immunogen A synthetic peptide corresponding to human HTR1B.

Sequence C-SNEDFKQAFHK

Host Goat

Theoretical MW (kDa) 43.6

Reactivity Human

Form Liquid

Purification Antigen affinity purification

Concentration 0.5 mg/mL

Quality Control Testing Antibody Reactive Against Synthetic Peptide.

Recommend Usage
ELISA (1:8000)
Western Blot (1-3 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — HTR1B

Entrez GeneID	3351
Protein Accession#	NP_000854.1
Gene Name	HTR1B
Gene Alias	5-HT1B, 5-HT1DB, HTR1D2, HTR1DB, S12
Gene Description	5-hydroxytryptamine (serotonin) receptor 1B
Omim ID	182131
Gene Ontology	Hyperlink
Gene Summary	The neurotransmitter serotonin (5-hydroxytryptamine; 5-HT) exerts a wide variety of physiologic functions through a multiplicity of receptors and may be involved in human neuropsychiatric disorders such as anxiety, depression, or migraine. These receptors consist of 4 main groups, 5-HT-1, 5-HT-2, 5-HT-3, and 5-HT4, subdivided into several distinct subtypes on the basis of their pharmacologic characteristics, coupling to intracellular second messengers, and distribution within the nervous system (Zifa and Fillion, 1992 [PubMed 1359584]). The serotonergic receptors belong to the multigene family of receptors coupled to guanine nucleotide-binding proteins.[supplied by OMIM]
Other Designations	OTTHUMP00000016769

Publication Reference

- [Alterations in 5-HT1B receptor function by p11 in depression-like states.](#)

Svenningsson P, Chergui K, Rachleff I, Flajolet M, Zhang X, El Yacoubi M, Vaugeois JM, Nomikos GG, Greengard P.
Science 2006 Jan; 311(5757):77.

Application: IP, WB-Tr, Human, Monkey, COS-7, HeLa cells

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Alcoholism](#)
- [Alcohol-Related Disorders](#)
- [Anorexia Nervosa](#)
- [Antisocial Personality Disorder](#)
- [Anxiety Disorders](#)
- [Attention](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Body Weight](#)
- [Borderline Personality Disorder](#)
- [Bulimia](#)
- [Bulimia Nervosa](#)
- [Cardiovascular Diseases](#)
- [Chromosome Deletion](#)
- [Cocaine-Related Disorders](#)
- [Cognition](#)

- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Edema](#)
- [Epilepsy](#)
- [Genetic Predisposition to Disease](#)
- [Headache Disorders](#)
- [Heroin Dependence](#)
- [Lung Neoplasms](#)
- [Mental Disorders](#)
- [Migraine Disorders](#)
- [Migraine with Aura](#)
- [Migraine without Aura](#)
- [Mood Disorders](#)
- [Narcolepsy](#)
- [NARP](#)
- [Neuropsychological Tests](#)
- [Obsessive-Compulsive Disorder](#)
- [Panic Disorder](#)
- [Personality Disorders](#)
- [Psychiatric Status Rating Scales](#)
- [Psychopharmacology](#)
- [Pulmonary Disease](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Scoliosis](#)

- [Sleep Apnea](#)
- [Substance-Related Disorders](#)
- [Tic Disorders](#)
- [Tourette Syndrome](#)
- [Urinary Bladder Neoplasms](#)
- [Weight Gain](#)
- [Werner syndrome](#)