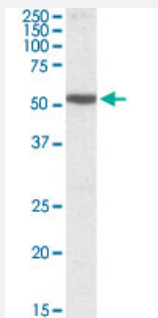


HTR3B polyclonal antibody

Catalog # PAB18713 Size 100 ug

Applications



Western Blot (Tissue lysate)

HTR3B polyclonal antibody (Cat # PAB18713) (1 ug/mL) staining of human cerebral cortex 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 HTR3B.
Immunogen	A synthetic peptide corresponding to amino acids near C-terminus of human HTR3B.
Sequence	C-SNYLQTQDQTDQQE
Host	Goat
Theoretical MW (kDa)	51
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:16000) 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 (0.02% sodium azide, 0.5% BSA)

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)

HTR3B polyclonal antibody (Cat # PAB18713) (1 ug/mL) staining of human cerebral cortex lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — HTR3B

Entrez GeneID[9177](#)**Protein Accession#**[NP_006019.1](#)**Gene Name**

HTR3B

Gene Alias

5-HT3B

Gene Description

5-hydroxytryptamine (serotonin) receptor 3B

Omim ID[604654](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The product of this gene belongs to the ligand-gated ion channel receptor superfamily. This gene encodes subunit B 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. [provided by RefSeq]

Other Designations

5-hydroxytryptamine 3 receptor B subunit|serotonin-gated ion channel subunit

Disease

- [Alcoholism](#)

- [Antisocial Personality Disorder](#)
- [Anxiety Disorders](#)
- [Attention](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
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