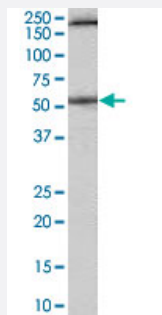


HTR3A polyclonal antibody

Catalog # PAB7069

Size 100 ug

Applications



Western Blot (Tissue lysate)

HTR3A polyclonal antibody (Cat # PAB7069) (0.3 ug/mL) staining of human colon 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 HTR3A.
Immunogen	A synthetic peptide corresponding to internal region of human HTR3A.
Sequence	C-GPQDFEKSPRDR
Host	Goat
Theoretical MW (kDa)	55.3
Reactivity	Human, Rat
Specificity	This antibody is expected to recognize both reported isoforms (NP_998786.1 and NP_000860.1).
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:128000) Western Blot (0.3-1 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)

HTR3A polyclonal antibody (Cat # PAB7069) (0.3 ug/mL) staining of human colon lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Immunocytochemistry
- Immunofluorescence
- Enzyme-linked Immunoabsorbent Assay

Gene Info — HTR3A

Entrez GeneID	3359
Protein Accession#	NP_998786.2 ; NP_000860.2 ; NP_001155244.1
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, 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

Publication Reference

- [Modulation of dopamine transmission by 5HT2C and 5HT3 receptors: a role in the antidepressant response.](#)

Dremencov E, Weizmann Y, Kinor N, Gispan-Herman I, Yadid G.

Current Cancer Drug Targets 2006 Feb; 7(2):165.

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