

**ARG64960**  
**anti-HTR3B / Serotonin Receptor 3B antibody**Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes HTR3B / Serotonin Receptor 3B
Tested Reactivity	Hu
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	HTR3B / Serotonin Receptor 3B
Species	Human
Immunogen	C-SNYLQTQDQTDQQE
Conjugation	Un-conjugated
Alternate Names	5-hydroxytryptamine receptor 3B; 5-HT3-B; Serotonin receptor 3B; 5-HT3B

### Application Instructions

Application table	Application	Dilution
	WB	1 - 3 µg/ml

**Application Note** WB: Recommend incubate at RT for 1h.  
\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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### Database links

[GeneID: 9177 Human](#)

[Swiss-port # O95264 Human](#)

### Background

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 is not functional as a homomeric complex, but a pentaheteromeric complex with subunit A (HTR3A) displays the full functional features of this receptor. [provided by RefSeq, Aug 2011]

### Research Area

Metabolism antibody; Neuroscience antibody

### Calculated Mw

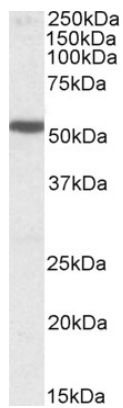
50 kDa

### PTM

N-glycosylation required for membrane localization.

## Images

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ARG64960 anti-HTR3B / Serotonin Receptor 3B antibody WB image

Western blot: Human Cerebral Cortex lysate (35 µg protein in RIPA buffer) stained with ARG64960 anti-HTR3B / Serotonin Receptor 3B antibody at 1 µg/ml dilution.