

## ARG64923 anti-HTR7 / 5-HT7 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes HTR7 / 5-HT7
Tested Reactivity	Hu
Tested Application	WB
Specificity	This antibody is expected to recognize isoform a (NP_000863.1) only.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	HTR7 / 5-HT7
Species	Human
Immunogen	QNADYCRKKGHDS
Conjugation	Un-conjugated
Alternate Names	5-HT7; Serotonin receptor 7; 5-HT-X; 5-HT-7; 5-hydroxytryptamine receptor 7

### 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 antigen affinity chromatography.
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: 3363 Human](#)

[Swiss-port # P34969 Human](#)

### Background

The neurotransmitter, serotonin, is thought to play a role in various cognitive and behavioral functions. The serotonin receptor encoded by this gene belongs to the superfamily of G protein-coupled receptors and the gene is a candidate locus for involvement in autistic disorder and other neuropsychiatric disorders. Three splice variants have been identified which encode proteins that differ in the length of their carboxy terminal ends. [provided by RefSeq, Jul 2008]

### Research Area

Metabolism antibody; Neuroscience antibody

### Calculated Mw

54 kDa

## Images

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ARG64923 anti-HTR7 / 5-HT7 antibody WB image

Western Blot: KELLY lysate (35  $\mu$ g protein in RIPA buffer) stained with ARG64923 anti-HTR7 / 5-HT7 antibody at 1  $\mu$ g/ml dilution.