

Goat Anti-Serotonin receptor 3A / HTR3A Antibody
Peptide-affinity purified goat antibody
Catalog # AF1975a**Specification**

Goat Anti-Serotonin receptor 3A / HTR3A Antibody - Product Information

Application	WB, IF, ICC, E
Primary Accession	P46098
Other Accession	NP_000860 , 3359
Reactivity	Human, Rat
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	55280

Goat Anti-Serotonin receptor 3A / HTR3A Antibody - Additional Information**Gene ID** 3359**Other Names**

5-hydroxytryptamine receptor 3A, 5-HT3-A, 5-HT3A, 5-hydroxytryptamine receptor 3, 5-HT-3, 5-HT3R, Serotonin receptor 3A, Serotonin-gated ion channel receptor, HTR3A, 5HT3R, HTR3

DilutionWB~~1:1000
IF~~1:50~200
ICC~~N/A
E~~N/A**Format**

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-Serotonin receptor 3A / HTR3A Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-Serotonin receptor 3A / HTR3A Antibody - Protein Information**Name** HTR3A ([HGNC:5297](#))**Synonyms** 5HT3R, HTR3

Function

Forms serotonin (5-hydroxytryptamine/5-HT₃)-activated cation- selective channel complexes, which when activated cause fast, depolarizing responses in neurons.

Cellular Location

Postsynaptic cell membrane; Multi-pass membrane protein {ECO:0000250|UniProtKB:P23979}.
Cell membrane; Multi-pass membrane protein {ECO:0000250|UniProtKB:P23979}

Tissue Location

Expressed in cerebral cortex, amygdala, hippocampus, and testis. Detected in monocytes of the spleen and tonsil, in small and large intestine, uterus, prostate, ovary and placenta.

Goat Anti-Serotonin receptor 3A / HTR3A Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat Anti-Serotonin receptor 3A / HTR3A Antibody - Images

AF1975a (0.3 µg/ml) staining of Human Colon lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.