

HTR3A

Reactivity: Human Mouse

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 55kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human HTR3A

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

g

Synonym:

HTR3; 5HT3R; 5-HT-3; 5-HT3A; 5-HT3R;

Catalog #: A5647

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 3359

Isotype: IgG

Swiss Prot: P46098

Purity: Affinity purification

For research use only.

Background:

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.

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