HTR3A Rabbit Polyclonal Antibody

CAB5647

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

55kDa

Calculated MW:

53kDa/55kDa/58kDa/59kDa

Applications:

WB IHC

Reactivity:

Human, Mouse, Rat

Antibody Information

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

Source:
Rabbit

Isotype:
IgG

Purification:
Affinity purification

Protein 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.

Immunogen information

Gene ID:
3359

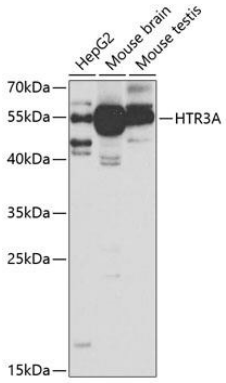
Uniprot
P46098

Synonyms:
HTR3A; 5-HT-3; 5-HT3A; 5-HT3R; 5HT3R; HTR3

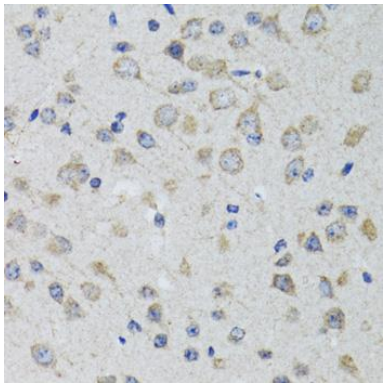
Immunogen:
Recombinant fusion protein containing a sequence corresponding to amino acids 24-241 of human HTR3A (NP_000860.2).

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

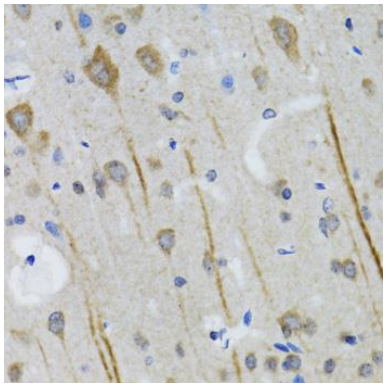
Product Images



Western blot analysis of extracts of various cell lines, using HTR3A antibody (CAB5647) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (CABM00021). Exposure time: 30s.



Immunohistochemistry of paraffin-embedded rat brain using HTR3A antibody (CAB5647) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using HTR3A antibody (CAB5647) at dilution of 1:100 (40x lens).