

Anti-Human/Mouse/Rat HTR6 Polyclonal Antibody
Polyclonal Antibody

Cat.NO.: PA05910

3th Edition

Description: This gene encodes a protein that belongs to the seven-transmembrane G protein-coupled receptor family of proteins. The encoded protein couples with the Gs alpha subunit and stimulates adenylate cyclase to activate the cyclic AMP-dependent signaling pathway. This receptor is thought to regulate cholinergic neuronal transmission in the brain. Several antidepressants and antipsychotic drugs have a high affinity for this receptor. HTR6 (5-Hydroxytryptamine Receptor 6) is a Protein Coding gene. Diseases associated with HTR6 include Acute Stress Disorder and Amnesic Disorder. Among its related pathways are Serotonergic synapse and Monoamine GPCRs. GO annotations related to this gene include G-protein coupled receptor activity and histamine receptor activity. An important paralog of this gene is DRD5.

Antigen: Synthesized peptide derived from the Internal region of human SR-6

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Expressed in several human brain regions, most prominently in the caudate nucleus.