







HTR2A Mouse mAb

Catalog No YP-mAb-12814 Isotype IgG Reactivity Human,Mouse,Rat Applications WB Gene Name Protein Name Immunogen A synthetic peptide corresponding to a sequence within amino acids 1-100 of human HTR2A (NP_000612.1) Specificity Formulation Source Purification Affinity purification Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms HTR2; 5-HT2A; HTR2A HTR2; 5-HT2A; HTR2A Observed Band 53kDa Cell Pathway Tissue Specificity Function Background This gene encodes one of the receptors for serotonin, a neurotransmitter with many roles. Mutations in this gene are associated with susceptibility to schizophrenia and obsessive compulsive disorder, and are also associated with response to the antidepressant citalopram in patients with major depressive compulsive disorder, and are also associated with response to the antidepressant of this gene. Multiple transcript variants encoding different isoforms have been found for this gene who have a mutation in intron 2 of this gene show a significantly reduced response to citalopram as this antidepressant different isoforms have been found for this gene.		
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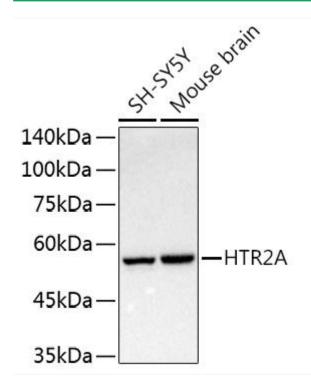




Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of various lysates using HTR2A Mouse pAb (A20538) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3s