

## Product datasheet for **TA377281**

### 5 HT 2A (HTR2A) Rabbit Polyclonal Antibody

#### Product data:

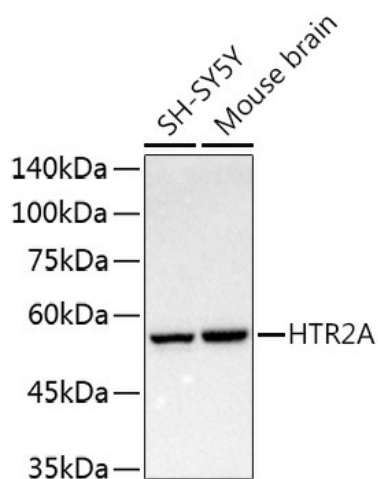
Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB, 1:500 - 1:2000 IF, 1:50 - 1:200
Reactivity:	Human, Mouse
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human HTR2A.
Formulation:	Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.   Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	52kDa
Gene Name:	5-hydroxytryptamine receptor 2A
Database Link:	<a href="#">Entrez Gene 3356 Human P28223</a>
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 disorder (MDD). MDD patients who also have a mutation in intron 2 of this gene show a significantly reduced response to citalopram as this antidepressant downregulates expression of this gene. Multiple transcript variants encoding different isoforms have been found for this gene.



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Synonyms: 5-HT-2; 5-HT-2A; 5-HT2A; HTR2

### Product images:



Western blot analysis of extracts of various cell lines, using HTR2A antibody (TA377281) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 3s.