

# HTR2A Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human 5HT2A Receptor, different from the related mouse sequence by three amino acids, and from the related rat sequence by two amino acids.
Form	Lyophilized
Concentration	500 µg/mL
Purification	Affinity chromatography
Storage buffer	0.2mg sodium phosphate with 0.9mg NaCl, 4mg trehalose
Contains	0.05mg sodium azide
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2807092

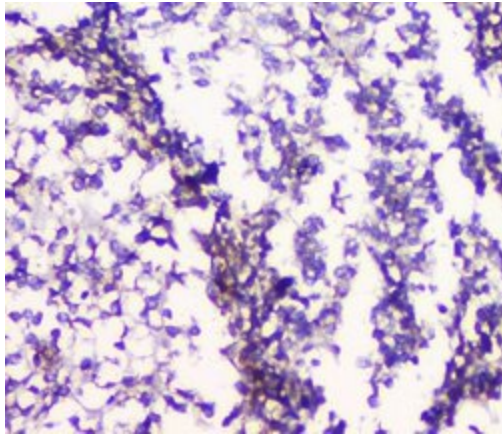
Applications	Tested Dilution	Publications
Western Blot (WB)	0.1-0.5 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	0.5-1 µg/mL	-

## Product Specific Information

Synthetic peptide sequence: 400-431aa, KENKKPLQLILVNTIPALAYKSSQLQMGQKKN.

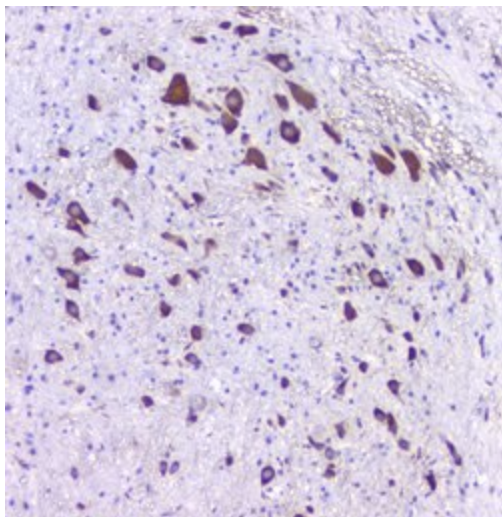
Reconstitution information: Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

## Product Images For HTR2A Polyclonal Antibody



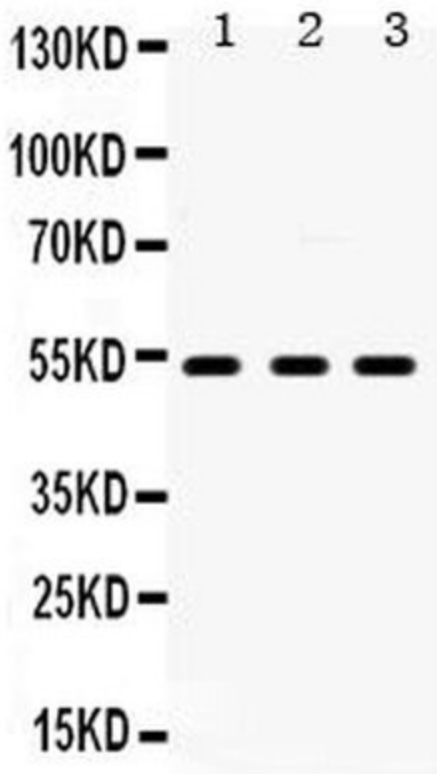
#### HTR2A Antibody (PA5-95288) in IHC (P)

Immunohistochemistry analysis of HTR2A in paraffin-embedded human glioma tissue. Antigen retrieval was performed on the tissue using citrate buffer (pH 6, 20 min) and blocked with 10% goat serum. Samples were incubated with HTR2A polyclonal antibody (Product # PA5-95288) at a 1 µg/mL dilution, followed by biotinylated goat anti-rabbit IgG (30 min, 37°C), and developed with Streptavidin-Biotin-Complex and DAB.



#### HTR2A Antibody (PA5-95288) in IHC (P)

Immunohistochemistry analysis of HTR2A in paraffin-embedded rat brain tissues. Antigen retrieval was performed on the tissue using citrate buffer (pH 6, 20 min) and blocked with 10% goat serum. Samples were incubated with HTR2A polyclonal antibody (Product # PA5-95288) at a 1 µg/mL dilution, followed by biotinylated goat anti-rabbit IgG (30 min, 37°C), and developed with Streptavidin-Biotin-Complex and DAB.



#### HTR2A Antibody (PA5-95288) in WB

Western blot analysis of HTR2A in Lane 1: rat brain tissue lysate, Lane 2: rat testis tissue lysate, Lane 3: U87 whole cell lysate. Electrophoresis was performed with 5-20% SDS-PAGE gel (70V, Stacking gel; 90V Resolving gel, Time: 2-3 hours), transferred to a nitrocellulose membrane and blocked using 5% Non-fat Milk/TBS (1.5 hrs at room temperature). Samples were incubated with HTR2A polyclonal antibody (Product # PA5-95288) using a 0.5 µg/mL dilution, followed by a goat anti-rabbit IgG-HRP at a dilution of 1:10,000, and developed with enhanced chemiluminescence (ECL).

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