

HTR2B Polyclonal Antibody

Catalog NumberPA5-33303

Product data sheet

Details		Species Reactivity	
Size	50 µg	Species reactivity	Human, Non-human primate
Host/Isotope	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody	Immunohistochemistry (Paraffin) (IHC (P))	4-6 µg/mL
Immunogen	Synthetic 15 amino acid peptide from 2nd extracellular domain of human 5HT2B Receptor.	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS		
Contains	0.1% sodium azide		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

This antibody is not recommended for use in ICC applications. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Marmoset (100%) Bovine, Bat (93%).

Background/Target Information

HTR2B is a g-protein coupled receptor for 5-hydroxytryptamine (serotonin). It functions as a receptor for various ergot alkaloid derivatives and psychoactive substances. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of down-stream effectors. HTR2B also plays a role in perception of pain, regulation of behavior. It is required to normal proliferation of embryonic cardiac myocytes and normal heart development.

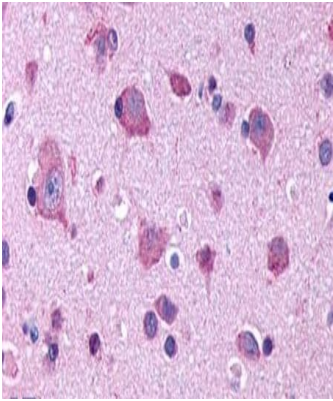
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Product Images For HTR2B Polyclonal Antibody



HTR2B Antibody (PA5-33303) in IHC (P)
Immunohistochemical analysis of formalin-fixed paraffin-embedded human brain, cortex using a 5-HT2B polyclonal antibody (Product # PA5-33303). Heat-induced antigen retrieval was performed prior to staining.

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