

# HTR1B (extracellular) Polyclonal Antibody

Product Details	
Size	50 µL
Published Species	Zebrafish
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Peptide corresponding to amino acid residues 33-49 of human 5-Hydroxytryptamine receptor 1B (Extracellular, N-terminus)
Form	Lyophilized
Concentration	0.8 mg/mL
Storage conditions	-20°C
RRID	AB_2857313

Applications	Tested Dilution	Publications
Western Blot (WB)	1:400	1 Publication
Immunohistochemistry (IHC)	1:200	-
Immunocytochemistry (ICC/IF)	Assay-dependent	-

## Product Specific Information

Reconstitute antibody with 50 µL of double distilled water (DDW). The reconstituted solution can be stored at 4 degrees C for up to 1 week. For longer periods, small aliquots should be stored at -20 degrees C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).

Peptide sequence is: CSAKDYIYQD SISLPWK

Homology: Rat - 15/17 amino acid residues identical; mouse - 14/17 amino acid residues identical.

Western Blot (1)

Scientific reports	Year 2022
Environmentally-relevant concentrations of the antipsychotic drugs sulpiride and clozapine induce abnormal dopamine and serotonin signaling in zebrafish brain.	Species Zebrafish
"PA5-111905 was used in Western Blotting to demonstrate an antagonistic interaction between environmentally- relevant concentrations of sulpiride and clozapine causing specific interference with DAergic and 5-HTergic neurotransmitter systems within zebrafish brain."	Dilution 1:500
Authors: Zhang B,Peng X,Sun X,Guo Y,Li T	

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