

Datasheet for ABIN6736401

anti-Serotonin Receptor 3B antibody (N-Term)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Serotonin Receptor 3B (HTR3B)
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Cow, Guinea Pig, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Serotonin Receptor 3B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide from N-Terminus of human HTR3B (O95264, NP_006019). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Marmoset (100%), Orangutan, Monkey (92%), Elephant, Pig (85%), Panda (84%), Mouse, Rat (76%). Type of Immunogen: Synthetic peptide
Specificity:	Human HTR3B / 5-HT3B
Predicted Reactivity:	Percent identity by BLAST analysis: Human (100%) Pig (85%).
Purification:	Immunoaffinity purified

Target Details

Target:	Serotonin Receptor 3B (HTR3B)
Alternative Name:	HTR3B / 5-HT3B Receptor (HTR3B Products)
Background:	Name/Gene ID: HTR3B Subfamily: Serotonin 5-HT3 receptor Family: Ion Channel Synonyms: HTR3B, 5-HT3b receptor, 5-HT3-B, 5-HT-3B, 5-HT3B, Serotonin receptor 3B
Gene ID:	9177
NCBI Accession:	NP_006019
UniProt:	O95264
Pathways:	Synaptic Membrane

Application Details

Application Notes:	Approved: IHC, IHC-P (5 µg/mL), WB (0.2 - 1 µg/mL) Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5 µg/mL. Not recommended for: IF
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

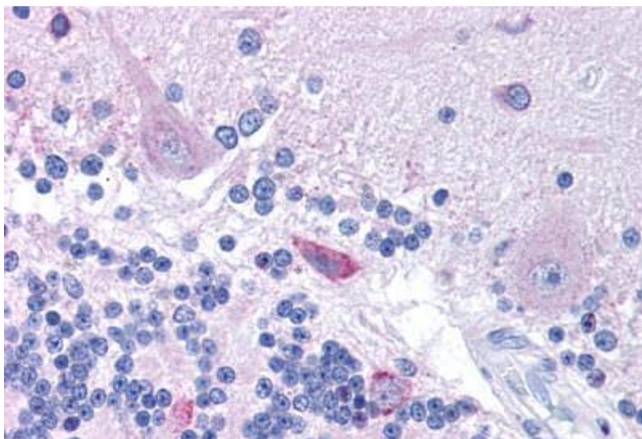
Handling

Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose

Handling

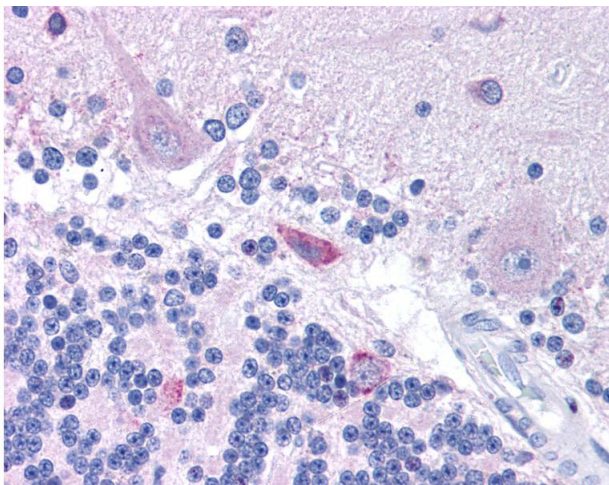
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Brain, Cerebellum (formalin-fixed, paraffin-embedded) stained with HTR3B antibody ABIN214778 at 5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-5HT3B Receptor antibody IHC of human brain, cerebellum. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of thi ...