



Datasheet for ABIN213372

anti-Serotonin Receptor 5A antibody (Extracellular Domain)



[Go to Product page](#)

2 Images

Overview

Quantity:	50 µg
Target:	Serotonin Receptor 5A (HTR5A)
Binding Specificity:	Extracellular Domain
Reactivity:	Human, Mouse, Rat, Guinea Pig, Horse, Cow, Dog, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Serotonin Receptor 5A antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic 18 amino acid peptide from 1st extracellular domain of human 5HT5A Receptor. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Bovine, Dog, Elephant, Panda, Horse, Guinea pig (100%), Opossum (94%), Turkey, Chicken (89%), Lizard, Zebrafish, Stickleback (83%). Type of Immunogen: Synthetic peptide
Specificity:	Human 5HT5A Receptor. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except ABCB6 (56 %).
Predicted Reactivity:	Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey,

Product Details

Marmoset, Mouse, Rat, Bovine, Dog, Elephant, Panda, Horse, Guinea pig (100%) Opossum (94%)
Turkey, Chicken (89%) Lizard, Zebrafish, Stickleback (83%).

Purification: Immunoaffinity purified

Target Details

Target: Serotonin Receptor 5A (HTR5A)

Alternative Name: HTR5A / 5-HT5A Receptor ([HTR5A Products](#))

Background: Name/Gene ID: HTR5A
Subfamily: Serotonin
Family: GPCR

Synonyms: HTR5A, 5-HT-5, 5-HT-5A, 5-HT5A, 5-HT5a receptor, 5-hydroxytryptamine5a,
Serotonin 5-HT5a receptor, Serotonin 5a receptor, Serotonin receptor 5A

Gene ID: 3361

Pathways: [JAK-STAT Signaling](#)

Application Details

Application Notes: Approved: ELISA, IHC, IHC-P (10 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 10 µg/mL.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

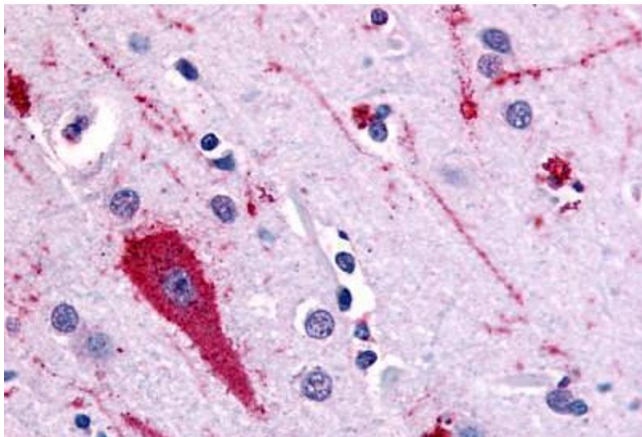
Format: Liquid

Concentration: Lot specific

Handling

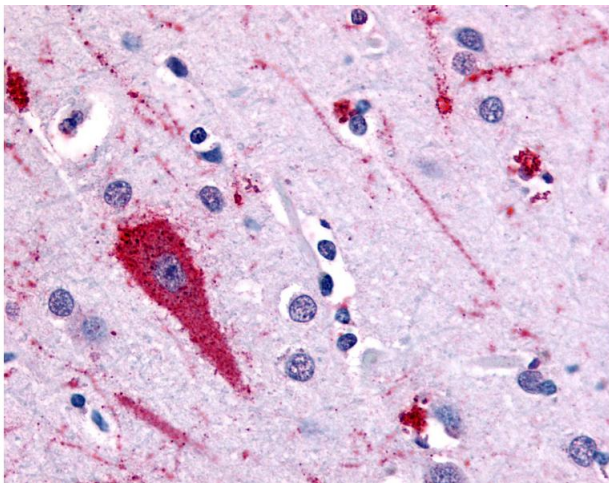
Buffer:	PBS, less than 0.1 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Aliquot and store undiluted at -20°C or below for up to 1 year. Can be stored undiluted at 4°C for up to 1 month. Avoid freeze-thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Brain, Cortex (formalin-fixed, paraffin-embedded) stained with HTR5A antibody ABIN213372 at 10 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-5HT5A Receptor antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.