Datasheet for ABIN213509

anti-Serotonin Receptor 1E antibody (Cytoplasmic Domain)

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2 Images

Overview

Quantity:	50 µg
Target:	Serotonin Receptor 1E (HTR1E)
Binding Specificity:	Cytoplasmic Domain
Reactivity:	Human, Horse, Guinea Pig, Monkey, Bat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Serotonin Receptor 1E antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (IHC)

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic 19 amino acid peptide from 3rd cytoplasmic domain of human 5HT1E Receptor. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Monkey, Bat, Elephant, Horse, Guinea pig (100%), Orangutan, Gibbon, Bovine (95%), Panda (89%), Opossum (84%). Type of Immunogen: Synthetic peptide
Specificity:	Human 5HT1E Receptor. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Predicted Reactivity:	Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Monkey,

Product Details

	Bat, Elephant, Horse, Guinea pig (100%) Orangutan, Gibbon, Bovine (95%) Panda (89%) Opossum (84%).
Purification:	Immunoaffinity purified

Target Details

Target:	Serotonin Receptor 1E (HTR1E)
Alternative Name:	HTR1E / 5-HT1E Receptor (HTR1E Products)
Background:	Name/Gene ID: HTR1E Subfamily: Serotonin Family: GPCR Synonyms: HTR1E, 5-HT1E, 5-HT1e receptor, 5-HT-1E, 5HT1E Receptor, HT1e receptor, S31, Serotonin 5-HT-1e receptor, Serotonin 1e receptor, Serotonin receptor 1E
Gene ID:	3354
Pathways:	JAK-STAT Signaling, cAMP Metabolic Process

Application Details

Application Notes:	Approved: ELISA, IHC, IHC-P (16 - 24 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 16-24 µ g/mL.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

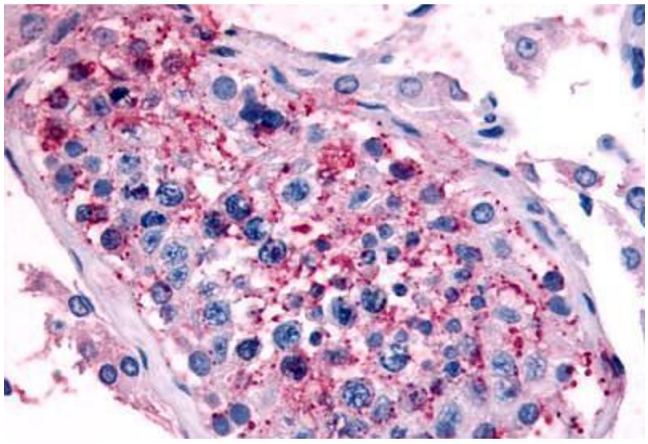
Handling

Format:	Liquid
Concentration:	Lot specific

Handling

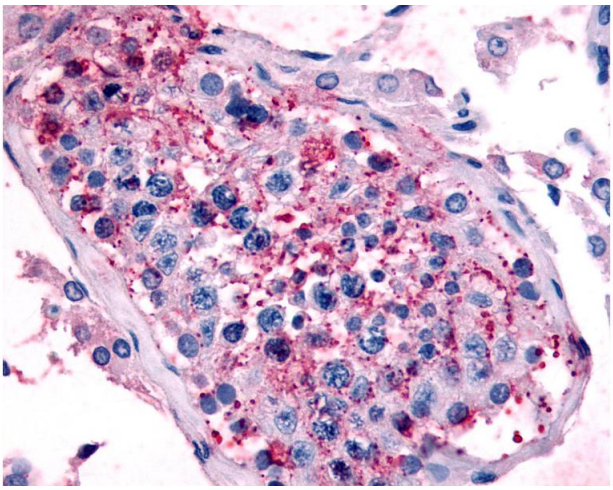
Buffer:	PBS, less than 0.1 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Aliquot and store undiluted at -20°C or below for up to 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 Testis (formalin-fixed, paraffin-embedded) stained with HTR1E antibody ABIN213509 at 16-24 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-5HT1E Receptor antibody IHC of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

