Datasheet for ABIN213499

anti-CHRM3 antibody (Cytoplasmic Domain)

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2 Images

Overview

Quantity:	50 µg
Target:	CHRM3
Binding Specificity:	Cytoplasmic Domain
Reactivity:	Human, Rat, Mouse, Monkey, Horse, Sheep, Rabbit, Pig, Hamster, Dog, Cow, Bat, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHRM3 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic 20 amino acid peptide from 3rd cytoplasmic domain of human CHRM3 / M3. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Mouse, Rat, Sheep, Dog, Bat, Bovine, Hamster, Elephant, Panda, Horse, Rabbit, Pig, Opossum, Guinea pig (100%), Turkey, Chicken (90%), Lizard (85%). Type of Immunogen: Synthetic peptide
Specificity:	Human CHRM3 / M3. 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, Orangutan,

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Product Details

	Gibbon, Monkey, Marmoset, Mouse, Rat, Sheep, Dog, Bat, Bovine, Hamster, Elephant, Panda, Horse, Rabbit, Pig, Opossum, Guinea pig (100%) Turkey, Chicken (90%) Lizard (85%).
Purification:	Immunoaffinity purified

Target Details

Target:	CHRM3
Alternative Name:	CHRM3 / M3 (CHRM3 Products)
Background:	Name/Gene ID: CHRM3 Subfamily: Acetylcholine Family: GPCR Synonyms: CHRM3, M3, Muscarinic receptor M3, Muscarinic M3 receptor, EGBRS, HM3, M3 muscarinic receptor
Gene ID:	1131
Pathways:	Synaptic Membrane

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 µ g/mL.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific

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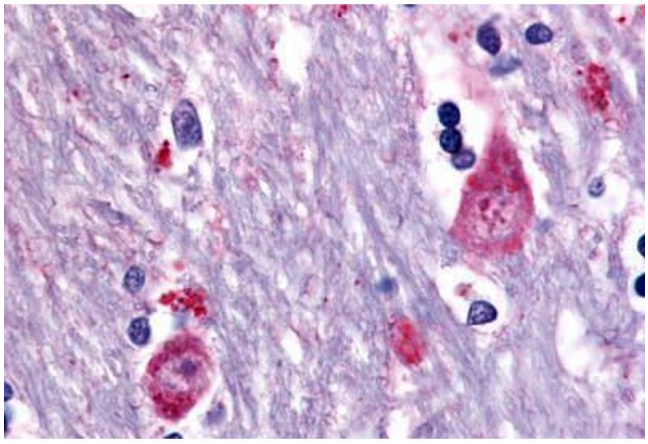
Handling

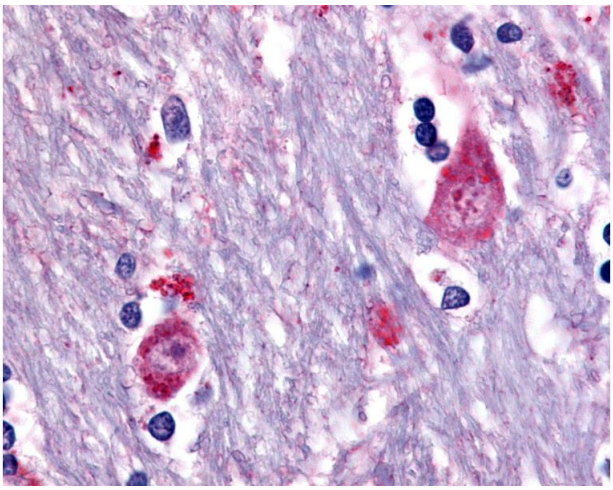
Buffer:	PBS, less than 0.1 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Aliquot and store undiluted at -20°C or below for up to 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, Caudate (formalin-fixed, paraffin-embedded) stained with CHRM3 antibody ABIN213499 at 10 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-CHRM3 / M3 antibody IHC of human brain, caudate. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

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