# antibodies -online.com





2 Images



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Quantity:	50 μg	
Target:	CHRM3	
Binding Specificity:	C-Term	
Reactivity:	Human, Monkey	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This CHRM3 antibody is un-conjugated	
Application:	Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))	

# **Product Details**

1 Todast Betallo		
Brand:	IHC-plus™	
lmmunogen:	Synthetic 19 amino acid peptide from C-terminus of human CHRM3 / M3. Percent identity with other species by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey (100%), Chimpanzee, Mouse, Rat, Sheep, Hamster, Elephant, Dog, Bovine, Horse, Rabbit, Pig, Guinea pig (95%), Opossum, Turkey, Chicken, Lizard (89%).	
	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, Gorilla, Orangutan, Gibbon, Monkey (100%) Chimpanzee, Mouse, Rat, Sheep, Hamster, Elephant, Dog, Bovine, Horse, Rabbit	

# **Product Details**

	Pig, Guinea pig (95%) Opossum, Turkey, Chicken, Lizard (89%).	
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 Dataila		
Application Details		
Application Notes:	Approved: IHC, IHC-P (72 μg/mL)	
Comment:	Target Species of Antibody: Human	
	The IHC-pro Immunohistochemistry Protocol	
Assay Procedure:	The IHC-pro Immunohistochemistry Protocol	
Assay Procedure:	The IHC-pro Immunohistochemistry Protocol  Tissue Preparation	
Assay Procedure:		
Assay Procedure:	Tissue Preparation	
Assay Procedure:	Tissue Preparation  Formalin fixation and embedding in paraffin wax	
Assay Procedure:	Tissue Preparation Formalin fixation and embedding in paraffin wax  Tissue Sectioning	
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Assay Procedure:	Tissue Preparation Formalin fixation and embedding in paraffin wax  Tissue Sectioning Make 4-µm sections and place on pre-cleaned and charged microscope slides. Heat in a tissue-drying oven for 45 minutes at 60°C Deparaffinization Wash slides in 3 changes of xylene – 5 minutes each at room temperature.	

Wash slides in 1 change of 80% alcohol - 3 minutes at room temperature.

Rinse slides in gentle running distilled water – 5 minutes at room temperature.

#### Antigen retrieval

Steam slides in 0.01 M sodium citrate buffer, pH 6.0 at 99-100°C - 20 minutes

Remove from heat and let stand at room temperature in buffer - 20 minutes

Rinse in 1X TBS with Tween (TBST) – 1 minute at room temperature.

#### **Immunostaining**

Do not allow tissues to dry at any time during the staining procedure.

Apply a universal protein block – 20 minutes at room temperature.

Drain protein block from slides, apply diluted primary antibody – 45 minutes at room temperature.

Rinse slides in 1X TBST - 1 minute at room temperature.

Apply a biotinylated secondary antibody (specific to the host of the primary antibody) - 30 minutes at room temperature.

Rinse slides 1X TBST – 1 minute at room temperature.

Apply alkaline phosphatase streptavidin – 30 minutes at room temperature.

Rinse slides in 1X TBST - 1 minute at room temperature.

Apply alkaline phosphatase chromogen substrate – 30 minutes at room temperature.

Wash slides in distilled water - 1 minute at room temperature.

#### **Dehydrate**

This method should only be used if the chromogen substrate is alcohol insoluble.

Wash slides in 2 changes of 80% alcohol – 1 minute each at room temperature.

Wash slides in 2 changes of 95% alcohol – 1 minute each at room temperature.

Wash slides in 3 changes of 100% alcohol - 1 minute each at room temperature.

Wash slides in 3 changes of xylene – 1 minute each at room temperature.

Apply coverslip

Restrictions:

For Research Use only

#### Handling

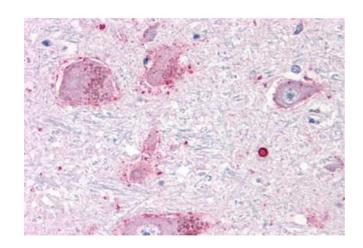
Format: Liquid

Concentration: Lot specific

# Handling

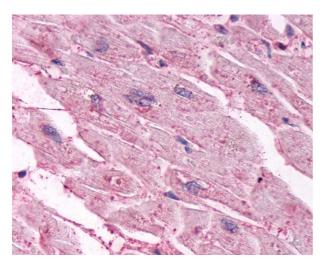
Buffer:	PBS, less than 0.1 % sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Aliquot and store undiluted at -20°C or below for up 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**

**Image 1.** Anti-CHRM3 / M3 antibody ABIN1048442 IHC staining of human brain, neurons and glia. Immunohistochemistry of formalin-fixed, paraffinembedded tissue after heat-induced antigen retrieval.



# **Immunohistochemistry**

**Image 2.** Anti-CHRM3 / M3 antibody IHC of human heart. Immunohistochemistry of formalin-fixed, paraffinembedded tissue after heat-induced antigen retrieval.