CHRM4 Antibody

Catalog No: #36792

Package Size: #36792-1 50ul   #36792-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com
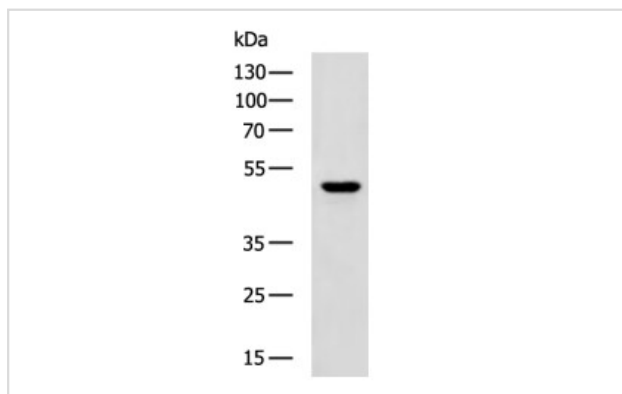
Description

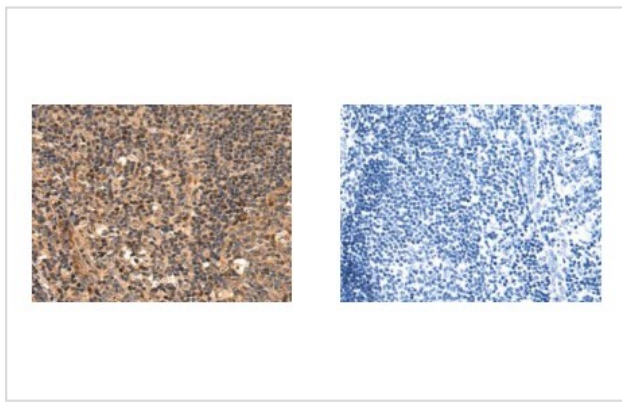|	
Product Name	CHRM4 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total CHRM4 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human Cholinergic receptor muscarinic 4
Target Name	CHRM4
Other Names	HM4; M4R
Accession No.	Swiss-Prot#: P08173 NCBI Gene ID: 1132Gene Accssion: BC095546
SDS-PAGE MW	53kd
Concentration	1 mg/ml
Formulation	Rabbit IgG in pH7.3 PBS, 0.05% NaN3, 50% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:1000~1:5000

Immunohistochemistry: 1:100~1:300

Images

Gel: 8% SDS-PAGELysate: 40 ΞΌgLane: Raji cell lysatePrimary antibody: CHRM4 Antibody at dilution 1/800Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilutionExposure time: 30 seconds

The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using CHRM4 Antibody at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification: Γ 200)

Background

The muscarinic cholinergic receptors belong to a larger family of G protein-coupled receptors. The functional diversity of these receptors is defined by the binding of acetylcholine and includes cellular responses such as adenylate cyclase inhibition, phosphoinositide degeneration, and potassium channel mediation. Muscarinic receptors influence many effects of acetylcholine in the central and peripheral nervous system. The clinical implications of this receptor are unknown; however, mouse studies link its function to adenylyl cyclase inhibition.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.