

bs-19110R**[Primary Antibody]****CHRM5 Rabbit pAb****Bioss**
ANTIBODIES

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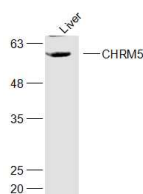
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		
GeneID: 1133	SWISS: P08912	
Target: CHRM5		
Immunogen: KLH conjugated synthetic peptide derived from human CHRM5: 461-532/532.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		Reactivity: Mouse (predicted: Human, Rat, Rabbit, Pig, Sheep, Cow, Horse)
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 degradation, 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, stimulation of this receptor is known to increase cyclic AMP levels. [provided by RefSeq, Jul 2008]		Predicted MW.: 60 kDa
		Subcellular Location: Cell membrane

— VALIDATION IMAGES —

Sample: Liver (Mouse) Lysate at 40 ug Primary:
Anti-CHRM5 (bs-19110R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at
1/20000 dilution Predicted band size: 60 kD
Observed band size: 60 kD

— SELECTED CITATIONS —

- **[IF=2.624]** Liyang Tong. et al. Topical bendazol inhibits experimental myopia progression and decreases the ocular accumulation of HIF - 1 α protein in young rabbits. Ophthal Physl Opt. 2020 Sep;40(5):567-576 WB ;Rat. 32839973
- **[IF=1.642]** Tong L et al. Effects of topical pilocarpine on ocular growth and refractive development in rabbits. Eur J Ophthalmol. 2020 Jun 11;1120672120934962. IHC,WB ;Rabbit. 32524847