

bs-20372R**[Primary Antibody]****CHRM4 Rabbit pAb****BioSS**
ANTIBODIES

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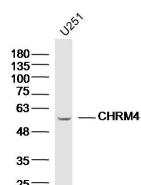
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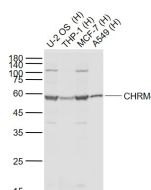
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		
GeneID: 1132	SWISS: P08173	
Target: CHRM4		
Immunogen: KLH conjugated synthetic peptide derived from human CHRM4: 131-230/479.		
Purification: affinity purified by Protein A		Reactivity: Human (predicted: Mouse, Rat)
Concentration: 1mg/ml		
Storage: Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
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, mouse studies link its function to adenylyl cyclase inhibition. [provided by RefSeq, Jul 2008]		
		Predicted MW.: 53 kDa
		Subcellular Location: Cell membrane

— VALIDATION IMAGES —

Sample: U251 Cell (Human) Lysate at 40 ug
Primary: Anti-CHRM4(bs-20372R) at 1/300
dilution Secondary: IRDye800CW Goat Anti-
Rabbit IgG at 1/20000 dilution Predicted band
size: 53kD Observed band size: 53kD



Sample: Lane 1: Human U-2 OS cell lysates Lane
2: Human THP-1 cell lysates Lane 3: Human
MCF-7 cell lysates Lane 4: Human A549 cell
lysates Primary: Anti-CHRM4 (bs-20372R) at
1/1000 dilution Secondary: IRDye800CW Goat
Anti-Rabbit IgG at 1/20000 dilution Predicted
band size: 53 kD Observed band size: 55 kD