

bs-6606R**[Primary Antibody]****MRGX1 Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) ELISA (1:5000-10000) Reactivity: (predicted: Human) Predicted MW.: 36 kDa Subcellular Location: Cell membrane
Clonality: Polyclonal		
GeneID: 259249	SWISS: Q96LB2	
Target: MRGX1		
Immunogen: KLH conjugated synthetic peptide derived from human MRGX1: 21-120/322. < Extracellular >		
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.		
Background: Mas-related G protein-coupled receptor member X1 (MRGX) is a sensory neuron-specific G protein-coupled receptor that is involved in the function of nociceptive neurons. This integral membrane protein may also regulate nociceptor development and/or the sensation or modulation of pain. There are four members (MRGX1-4) in the human MRGX family. MRGX1 and MRGX2 receptors stimulate both G Alpha q- and G Alpha i - regulated pathways, while MRGX3 and MRGX4 receptors mainly activate G Alpha q-regulated pathways. G Alpha q proteins are involved in the calcium-signaling pathway downstream of the MRGX receptors. MRGX receptors are unique in that they are expressed in a subset of small dorsal root and trigeminal sensory neurons.		