

## Anti-MRGX1/MRGPRX1 Antibody Picoband®

Catalog Number: PA1208

### About Mrgprx1

MAS-related G-protein coupled receptor, member C, also known as MRGPC or MRGPRX1, is a human gene. The Mas-related genes (Mrgs) comprise a family of >50 G protein-coupled receptors (GPCRs), many of which are expressed in specific subsets of nociceptive sensory neurons in mice. In contrast, humans contain a related but nonorthologous family of genes, called MrgXs or sensory neuron-specific receptors, of which many fewer appear to be expressed in sensory neurons.

### Overview

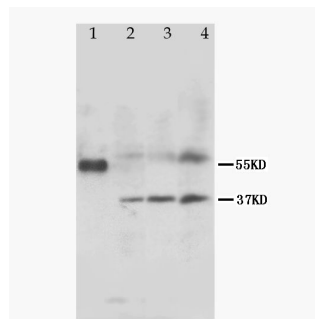
Product Name	Anti-MRGX1/MRGPRX1 Antibody Picoband®
Reactive Species	Rat
Description	Boster Bio Anti-MRGX1/MRGPRX1 Antibody catalog # PA1208. Tested in IHC, WB applications. This antibody reacts with Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	IHC, WB
Clonality	Polyclonal
Formulation	Each vial contains antibody formulated with stabilizing components, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q8R4G1

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of rat MRGX1.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Mouse IgG (EK1001) for Western blot, and HRP Conjugated anti-Mouse IgG Super Vision Assay Kit (SV0001-1) for IHC(P).
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG

Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Immunohistochemistry (Paraffin-embedded Section), 0.5-1ug/ml, Rat Western blot, 0.1-0.5ug/ml, Rat

## Anti-MRGX1/MRGPRX1 Antibody Picoband® (PA1208) Images



Anti-MRGX1 antibody, PA1208, Western blotting  
Lane 1: Marker  
Lane 2: Rat Heart Tissue Lysate  
Lane 3: Rat Skeletal Muscle Tissue Lysate  
Lane 4: MCF-7 Cell Lysate

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Anti-MRGX1/MRGPRX1 Antibody

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