



**Polyclonal Anti-MAS-related G-protein coupled receptor, member C,
MRGPC (SNSR) (Sephacose Bead Conjugate)**

Catalogue No. PA1208-S

Lot No. 09B01

Ig type: rabbit IgG

Size: 100µg/vial

Specificity

Human, mouse, rat. No cross reactivity with other proteins.

Recommended application

(Immunoprecipitation(IP))

Immunogen

A synthetic peptide corresponding to a sequence at the N-terminal of rat MRGPC (14-28 amino acid).

Purification

Immunogen affinity purified.

Formulation

50% slurry in PBS pH 7.2 with 0.01mg NaN₃ preservative.

Storage

Store at 4°C for frequent use.

Description:

This Antagene antibody is immobilized via covalent binding of primary amino groups to N-hydroxysuccinimide (NHS)-activated sepharose beads. It is useful for immunoprecipitation assays

BACKGROUND

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.¹

REFERENCE

1. Zylka MJ, Dong X, Southwell AL, Anderson DJ. "Atypical expansion in mice of the sensory neuron-specific Mrg G protein-coupled receptor family." *Proc. Natl. Acad. Sci. U.S.A.* 100:10043-10048(2003). *Nature Genet.* 35: 252-257, 2003.