

Anti-RAMP2(Receptor activity-modifying protein 2) polyclonal Antibody

Cat. #: 60B248

Description:

RAMP2(Receptor activity-modifying protein 2) transports the calcitonin gene-related peptide type 1 receptor (CALCRL) to the plasma membrane. RAMP2 acts as a receptor for adrenomedullin (AM) together with CALCRL. Co-expression of Receptor activity-modifying protein 2 (RAMP2) with the calcitonin-receptor-like-receptor (CRLR) results in the production of a functional adrenomedullin (ADM) receptor. RAMPs regulate the transport and ligand specificity of the calcitonin-receptor-like receptor. RAMP2 is a heterodimer of CALCRL and RAMP2. RAMP2 is strongly expressed in lung, breast, immune system and fetal tissues. RAMP2 belongs to the RAMP family.

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of human RAMP2(Receptor activity-modifying protein 2)

References

McLatchie,L.M., et al, Nature 393 (6683), 333-339 (1998)
Kuwasako,K., et al, J. Biol. Chem. 281 (11), 7205-7213 (2006)
Bomberger,J.M., et al, J. Biol. Chem. 280 (10), 9297-9307 (2005)
Nagoshi,Y., et al, Peptides 25 (7), 1115-1121 (2004)
Kuwasako,K., et al, Biochem. Biophys. Res. Commun. 301 (2), 460-464 (2003)
Christopoulos,A., et al, J. Biol. Chem. 278 (5), 3293-3297 (2003)

Clone Number:

Isotype:

Species: Human

Storage and Stability: at -20oC

Storage buffer:

This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

Preparation:

Purified by antigen-specific affinity chromatography.

Applications :

ELISA

Western Blotting (1µg/ml for 2hrs)