

Goat Anti-Ramp1 (C-Term., mouse) Antibody
Peptide-affinity purified goat antibody
Catalog # AF1905a**Specification**

Goat Anti-Ramp1 (C-Term., mouse) Antibody - Product Information

Application	WB
Primary Accession	O60894
Other Accession	NP_848488 , 10267 , 51801 (mouse) , 58965 (rat)
Reactivity	Rat
Predicted	Human, Mouse
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	16988

Goat Anti-Ramp1 (C-Term., mouse) Antibody - Additional Information**Gene ID** 10267**Other Names**

Receptor activity-modifying protein 1, Calcitonin-receptor-like receptor activity-modifying protein 1, CRLR activity-modifying protein 1, RAMP1

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-Ramp1 (C-Term., mouse) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-Ramp1 (C-Term., mouse) Antibody - Protein Information**Name** RAMP1**Function**

Transports the calcitonin gene-related peptide type 1 receptor (CALCRL) to the plasma membrane. Acts as a receptor for calcitonin-gene-related peptide (CGRP) together with CALCRL.

Cellular Location

Membrane; Single-pass type I membrane protein.

Tissue Location

Expressed in many tissues including the uterus, bladder, brain, pancreas and gastro-intestinal tract

Goat Anti-Ramp1 (C-Term., mouse) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat Anti-Ramp1 (C-Term., mouse) Antibody - Images

AF1905a (0.3 µg/ml) staining of Rat Brain lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-Ramp1 (C-Term., mouse) Antibody - References

Genetic enhancement of calcitonin gene-related Peptide-induced central sensitization to mechanical stimuli in mice. Marquez de Prado B, et al. J Pain, 2009 Sep. PMID 19628434.

Expression of the calcitonin receptor, calcitonin receptor-like receptor, and receptor activity modifying proteins during osteoclast differentiation. Granholm S, et al. J Cell Biochem, 2008 Jun 1. PMID 18384073.

Hypertension and dysregulated proinflammatory cytokine production in receptor activity-modifying protein 1-deficient mice. Tsujikawa K, et al. Proc Natl Acad Sci U S A, 2007 Oct 16. PMID 17923674.

Interaction of receptor-activity-modifying protein1 with tubulin. Kunz TH, et al. Biochim Biophys Acta, 2007 Aug. PMID 17493758.

Antisense transcription in the mammalian transcriptome. Katayama S, et al. Science, 2005 Sep 2. PMID 16141073.