

Datasheet for ABIN302150
anti-RAMP1 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	RAMP1
Binding Specificity:	C-Term
Reactivity:	Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This RAMP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Ramp1 (C-Term., mouse)
Immunogen:	Peptide with sequence C-DYQSKRTEGIV, from the C Terminus of the protein sequence according to NP_058590.1, NP_848488.2.
Sequence:	DYQSKRTEGI V
Isotype:	IgG
Specificity:	This antibody is expected to recognize isoform 1 (NP_058590.1) only.
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	RAMP1
Alternative Name:	Ramp1 (RAMP1 Products)
Background:	Ramp1, receptor (calcitonin) activity modifying protein 1, 9130218E19Rik, MGC38240, receptor-activity modifying protein 1
Gene ID:	10267, 51801, 58965
NCBI Accession:	NP_058590 , NP_848488
Pathways:	cAMP Metabolic Process , Myometrial Relaxation and Contraction , Regulation of G-Protein Coupled Receptor Protein Signaling , Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	Western Blot: Experiments gave bands at approx. 18 kDa and 40 kDa in Rat Brain lysate after 0.3 µg/mL antibody staining. The appearance of a band with much higher molecular weight corresponds to earlier findings in literature with different antibodies (Hila Peptide ELISA: antibody detection limit dilution 1:64000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Image 1. ABIN302150 (0.3µg/ml) staining of Rat Brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.