

Datasheet for ABIN7167433
anti-RAMP2 antibody (AA 43-145)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	RAMP2
Binding Specificity:	AA 43-145
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAMP2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Receptor activity-modifying protein 2 protein (43-145AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	RAMP2
Alternative Name:	RAMP2 (RAMP2 Products)
Background:	Background: Transports the calcitonin gene-related peptide type 1 receptor (CALCRL) to the plasma membrane. Acts as a receptor for adrenomedullin (AM) together with CALCRL.

Target Details

Aliases: Calcitonin receptor like receptor activity modifying protein 2 antibody, Calcitonin-receptor-like receptor activity-modifying protein 2 antibody, CRLR activity modifying protein 2 antibody, CRLR activity-modifying protein 2 antibody, OTTMUSP00000002615 antibody, OTTMUSP00000037624 antibody, RAMP2 antibody, RAMP2_HUMAN antibody, Receptor (calcitonin) activity modifying protein 2 antibody, Receptor activity modifying protein 2 antibody, Receptor activity modifying protein 2 isoform antibody, Receptor activity-modifying protein 2 antibody, RP23-281C18.6 antibody

UniProt: [O60895](#)

Pathways: [cAMP Metabolic Process](#), [Myometrial Relaxation and Contraction](#), [Cell-Cell Junction Organization](#), [Regulation of G-Protein Coupled Receptor Protein Signaling](#)

Application Details

Application Notes: Recommended dilution: IHC:1:500-1:1000, IF:1:200-1:500,

Restrictions: For Research Use only

Handling

Format: Liquid

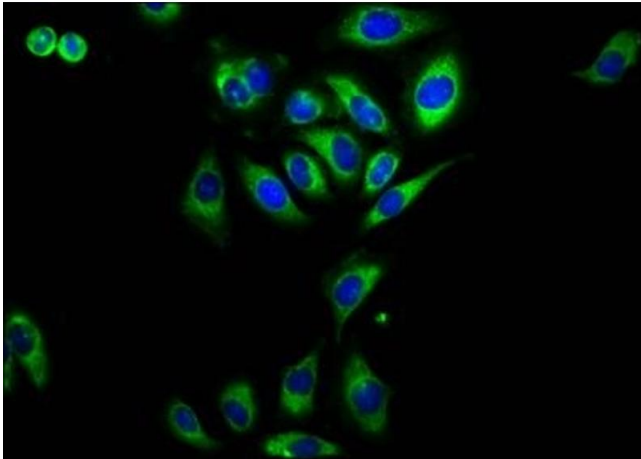
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

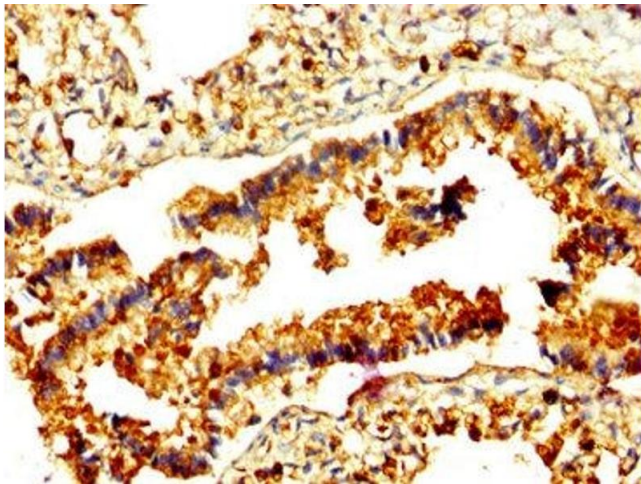
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescence staining of A549 cells with ABIN7167433 at 1:230, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemistry

Image 2. IHC image of ABIN7167433 diluted at 1:500 and staining in paraffin-embedded human lung tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.