

Mouse Anti-Porcine Ras-Related Protein Ral-A Isoform X1 (RALA) Monoclonal Antibody

Cat. No.: VD8N410

Product Type: Animal-targeted Antibodies

Size: 50uL; 100uL; 150uL

Product Overview

BioVenic mouse monoclonal antibody is specific for ras-related protein Ral-A isoform X1. It is affinity purified by protein A. It can be applied to WB, IHC, FC and ELISA assays of ras-related protein Ral-A isoform X1.

Specifications

Application	WB; IHC; FC; ELISA
Clonality	Monoclonal
Classification	Primary Antibody
Clone	G9N10
Host	Mouse
Target Species	Porcine
Species Reactivity	Porcine
Specificity	Ras-Related Protein Ral-A Isoform X1
Isotype	IgG2
Immunogen	Recombinant protein of ras-related protein Ral-A isoform X1
Purification	Protein A Purified
Concentration	2200 µg/mL
Conjugation	Unconjugated
Preservative and Stabilizer	0.02% Sodium Azide
Buffer	Phosphate Buffered Saline with 50% Glycerol, pH 7.3
Physical State	Liquid

Target Information

Porcine ras-related protein ral-A isoform X1 (pRal-A-X1) is a member of the Ras superfamily of small GTPases, which are molecular switches involved in a variety of cellular processes in pigs. RalA, specifically, plays a significant role in regulating cell growth, survival

val, and actin cytoskeleton rearrangements, which are essential for processes such as cell migration and vesicle trafficking. As an isoform of RalA, pRalA-X1 may possess unique functions or regulatory properties compared to other Ral proteins. It is involved in the transmission of signals from the cell membrane to the cytoplasm, where it interacts with multiple effector proteins to modulate cellular responses. The activity of pRalA-X1 is tightly controlled by its cycling between an active GTP-bound state and an inactive GDP-bound state.

Target	Ras-Related Protein Ral-A Isoform X1
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Gene ID	100622254
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UniProt ID	I3LAJ6
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Shipping and Storage

This product is shipped with ice gel packs. Store at -20°C (up to 12 months) on receipt.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.