

Datasheet for ABIN2786741  
**anti-RALB antibody (Middle Region)**



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1 Image

## Overview

Quantity:	100 µL
Target:	RALB (Ralb)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Cow, Zebrafish (Danio rerio), Goat, Guinea Pig, Horse, Rabbit, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RALB antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of Mouse Ralb
Sequence:	EHESFTATAE FREQILRVKS EEDKIPLLVV GNKSDLEERR QVPVDEARGK
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against Ralb. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	RALB (Ralb)
Alternative Name:	Ralb ( <a href="#">Ralb Products</a> )

## Target Details

Background:	<p>Ralb is a multifunctional GTPase involved in a variety of cellular processes including gene expression, cell migration, cell proliferation, oncogenic transformation and membrane trafficking. Ralb accomplishes its multiple functions by interacting with distinct downstream effectors. It acts as a GTP sensor for GTP-dependent exocytosis of dense core vesicles. It is required both to stabilize the assembly of the exocyst complex and to localize functional exocyst complexes to the leading edge of migrating cells. Ralb plays a role in the late stages of cytokinesis and is required for the abscission of the bridge joining the sister cells emerging from mitosis. It is required for suppression of apoptosis.</p> <p>Alias Symbols: 5730472018Rik</p> <p>Protein Interaction Partner: Rgl3,</p> <p>Protein Size: 206</p>
Molecular Weight:	23 kDa
Gene ID:	64143
NCBI Accession:	<a href="#">NM_022327</a> , <a href="#">NP_071722</a>
UniProt:	<a href="#">Q9JIW9</a>
Pathways:	<a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">CXCR4-mediated Signaling Events</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 206 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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:	Avoid repeated freeze-thaw cycles.

Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

**Image 1.** Host: Rabbit  
Target Name: Ralb  
Sample Tissue: Mouse Testis lysates  
Antibody Dilution: 1.0 µg/mL