

## Product datasheet for **TA357309**

### Ralb Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of Mouse Ralb
Specificity:	<b>Expected reactivity:</b> Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish <b>Homology:</b> Cow: 100%; Dog: 100%; Goat: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	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.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	23kDa
Gene Name:	v-ral simian leukemia viral oncogene B
Database Link:	<a href="#">NP_071722</a> <a href="#">Entrez Gene 64143 Mouse</a> <a href="#">Q9JIW9</a>



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**Background:**

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.

**Synonyms:**

OTTHUMP00000207262

**Product images:**

Host: Rabbit  
Target Name: Ralb  
Sample Type: Mouse Testis lysates  
Antibody Dilution: 1.0ug/ml