SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-RAB2 antibody

Catalog Number: SL6174R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	RAB2
Immunogen:	KLH conjugated synthetic peptide derived from human RAB2: 101-200/212
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human, Mouse, Rat, Chicken, Dog, Pig, Cow, Horse, Rabbit, Sheep)
Predicted MW.:	23kDa
Subcellular Location:	cytoplasmic The cell membrane
Background:	The protein encoded by this gene belongs to the Rab family, members of which are small molecular weight guanosine triphosphatases (GTPases) that contain highly conserved domains involved in GTP binding and hydrolysis. The Rabs are membrane-bound proteins, involved in vesicular fusion and trafficking. This protein is a resident of pre-Golgi intermediates, and is required for protein transport from the endoplasmic reticulum (ER) to the Golgi complex. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. **Function:** Required for protein transport from the endoplasmic reticulum to the Golgi complex.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Subunit: Interacts with PRKCI. **Subcellular Location:** Endoplasmic reticulum-Golgi intermediate compartment membrane; Lipid-anchor. Melanosome. Endoplasmic reticulum membrane; Lipid-anchor (Potential). Golgi apparatus membrane; Lipid-anchor (Potential). Note=Identified by mass spectrometry in melanosome fractions from stage I to stage IV. **Similarity:** Belongs to the small GTPase superfamily. Rab family. **Database links:** **Entrez Gene:** 5862 Human **Entrez Gene:** 59021 Mouse **Entrez Gene:** 65158 Rat Omim: 179509 Human **SwissProt:** P61019 Human **SwissProt:** P53994 Mouse **SwissProt:** P05712 Rat **Unigene:** 369017 Human **Unigene:** 397471 Mouse **Unigene:** 467703 Mouse **Unigene:** 44916 Rat

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