SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
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www.sunlongbiotech.com

[Primary Antibody]

Rabbit Anti-RAB9 antibody

Catalog Number: SL6177R

FOR RESEARCH USE ONLY

[DATASHEET]

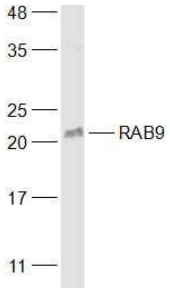
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	RAB9
Immunogen:	KLH conjugated synthetic peptide derived from human RAB9: 65-170/201
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store 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 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human, Rat, (predicted: Mouse, Chicken, Dog, Pig, Cow, Sheep)
Predicted MW.:	23kDa
Subcellular Location:	cytoplasmic The cell membrane
Background:	RAB proteins are GTPases that regulate vesicular trafficking and reside in specific intracellular compartments. RAB9 has been localized to components of the endocytic/exocytic pathway. It has been implicated in the recycling of membrane receptors, such as the mannose 6-phosphate receptor from early endosomes to the trans Golgi network. **Subcellular Location:** Cell membrane; Lipid-anchor; Cytoplasmic side (Potential). Endoplasmic reticulum membrane (Potential). Golgi apparatus membrane (Potential). Late endosome. **Similarity:** Belongs to the small GTPase superfamily. Rab family. **Database links:** **Entrez Gene:** 511776 Cow **Entrez Gene:** 403947 Dog

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

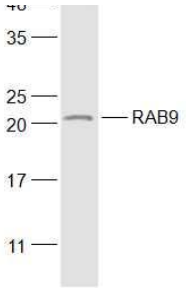
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	Entrez Gene: 9367 Human **Entrez Gene:** 56382 Mouse **Entrez Gene:** 84589 Rat Omim: 300284 Human **SwissProt:** P24408 Dog **SwissProt:** P51151 Human **SwissProt:** Q9R0M6 Mouse **SwissProt:** Q99P75 Rat **Unigene:** 495704 Human **Unigene:** 728400 Human **Unigene:** 25306 Mouse **Unigene:** 35289 Rat

[VALIDATION IMAGES]



Sample:
K562(Human) Cell Lysate at 30 ug
Primary: Anti-RAB9 (SL6177R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 23 kD
Observed band size: 23 kD



Sample:
Hela(Human) Cell Lysate at 30 ug
Primary: Anti-RAB9 (SL6177R) at 1/500 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 23 kD
Observed band size: 23 kD

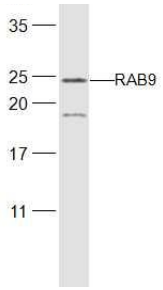
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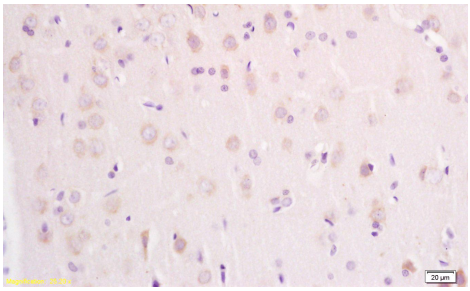
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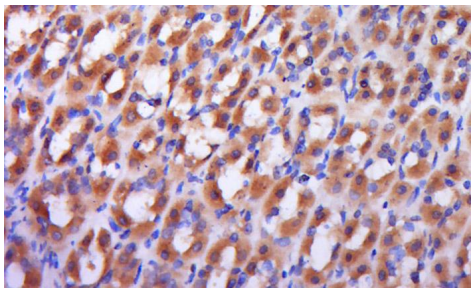
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Sample:
Jurkat(Human) Cell Lysate at 30 ug
Primary: Anti-RAB9 (SL6177R) at 1/500 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 23 kD
Observed band size: 23 kD



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (1M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;
Incubation: Anti-RAB9 Polyclonal Antibody, Unconjugated(SL6177R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Paraformaldehyde-fixed, paraffin embedded (Rat stomach); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (RAB9) Polyclonal Antibody, Unconjugated (SL6177R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

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