SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-RAB8B antibody

Catalog Number: SL6168R

FOR RESEARCH USE ONLY

[DATASHEET]

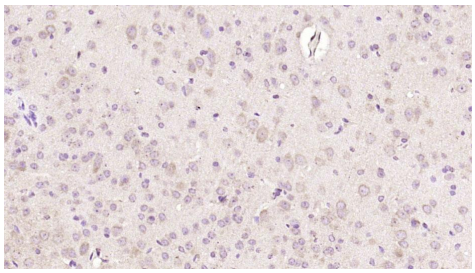
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	RAB8B
Immunogen:	KLH conjugated synthetic peptide derived from human RAB8B: 21-120/207
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	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:	Mouse(predicted:Horse,Pig,Dog,Rat,Human)
Predicted MW.:	23kDa
Subcellular Location:	cytoplasmic The cell membrane
Background:	RAB proteins, like RAB8B, are low molecular mass monomeric GTPases that localize on the cytoplasmic surfaces of distinct membrane-bound organelles. RAB proteins function in intracellular vesicle transport by aiding in the docking and/or fusion of vesicles with their target membranes **Function:** May be involved in vesicular trafficking and neurotransmitter release (By similarity). May participate in cell junction dynamics in Sertoli cells. **Subunit:** Interacts with OTOF and PEX5R (By similarity). Interacts with RAB3IP. Interacts with VIM AND CDH1 (By similarity). Associated with actin, delta-catenin and alpha and beta tubulins. **Subcellular Location:** Cell membrane; Lipid-anchor; Cytoplasmic side **Similarity:** Belongs to the small GTPase superfamily. Rab family. **Database links:**

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: 51762 Human **Entrez Gene:** 235442 Mouse **Entrez Gene:** 266688 Rat Omim: 613532 Human **SwissProt:** Q92930 Human **SwissProt:** P61028 Mouse **SwissProt:** P70550 Rat **Unigene:** 389733 Human **Unigene:** 260376 Mouse **Unigene:** 10995 Rat

[VALIDATION IMAGES]



Paraformaldehyde-fixed, paraffin embedded (mouse brain); 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 (RAB8B) Polyclonal Antibody, Unconjugated (SL6168R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

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