SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-RNF39 antibody

Catalog Number: SL11393R

FOR RESEARCH USE ONLY

[DATASHEET]

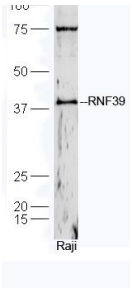
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	RNF39
Immunogen:	KLH conjugated synthetic peptide derived from human RNF39: 182-230/420
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. 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,Mouse(predicted:Rat,Dog,Monkey)
Predicted MW.:	38/45kDa
Subcellular Location:	cytoplasmic
Background:	The RING-type zinc finger motif is present in a number of viral and eukaryotic proteins and is made of a conserved cysteine-rich domain that is able to bind two zinc atoms. Proteins that contain this conserved domain are generally involved in the ubiquitination pathway of protein degradation. RNF39 (RING finger protein 39), also known as HZFW, HZF or LIRF, is a 420 amino acid protein that localizes to the cytoplasm and contains one RING-type zinc finger and one SPRY domain. Expressed in testis, RNF39 is thought to play a role in maintaining prolonged LTP (long term-potentiation, or the process by which synaptic strength continues to increases following chemical stimulation). Via its ability to influence the length of the LTP response, RNF39 functions to regulate early synaptic plasticity. Multiple isoforms of RNF39 exist due to alternative splicing events.

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

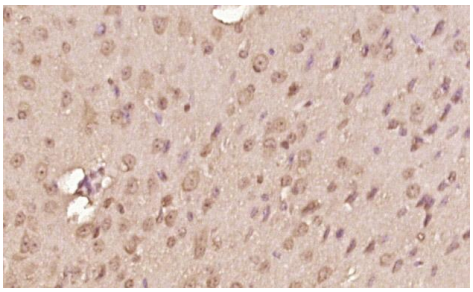
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	Function: May play a role in prolonged long term-potentiation (LTP) maintenance. **Subcellular Location:** Cytoplasm. **Tissue Specificity:** Expressed in testis. **Similarity:** Contains 1 B30.2/SPRY domain. Contains 1 RING-type zinc finger. **Database links:** **Entrez Gene:** 80352 Human **Entrez Gene:** 171387 Rat Omim: 607524 Human **SwissProt:** Q9H2S5 Human **SwissProt:** Q920M2 Rat **Unigene:** 121178 Human **Unigene:** 144662 Rat

[VALIDATION IMAGES]



Protein: Raji lysate at 40ug;
Primary: rabbit Anti-RNF39 (SL11393R) at 1:300;
Secondary: HRP conjugated Goat-Anti-rabbit IgG(SL0295G-HRP) at 1: 5000;
Predicted band size: 38/45 kD
Observed band size: 38 kD



Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); 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 (RNF39) Polyclonal Antibody, Unconjugated (SL11393R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

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