



Rabbit Anti-RNF39 antibody

SL11393R

Product Name:	RNF39
Chinese Name:	Ring finger protein39抗体
Alias:	HZF; HZFW; HZFW1; LIRF; Protein HZFw; RING finger protein 39; Rnf39; RNF39 HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Monkey,
Applications:	WB=1:500-2000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	38/45kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human RNF39:182-230/420
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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-potential, or the process by which synaptic strength continues to increase 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.

Function:

May play a role in prolonged long term-potential (LTP) maintenance.

Subcellular Location:

Cytoplasm.

Tissue Specificity:

Expressed in testis.

Similarity:

Contains 1 B30.2/SPRY domain.

Contains 1 RING-type zinc finger.

SWISS:

Q9H2S5

Gene ID:

80352

Database links:

[Entrez Gene: 80352](#)Human

[Entrez Gene: 171387](#)Rat

[Omim: 607524](#)Human

[SwissProt: Q9H2S5](#)Human

[SwissProt: Q920M2](#)Rat

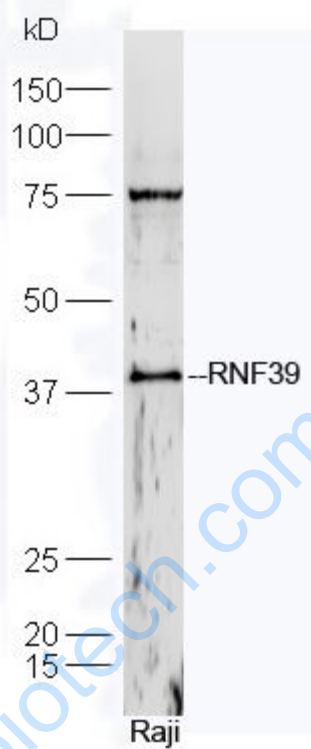
[Unigene: 121178](#)Human

[Unigene: 144662](#)Rat

Important Note:

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

Picture:



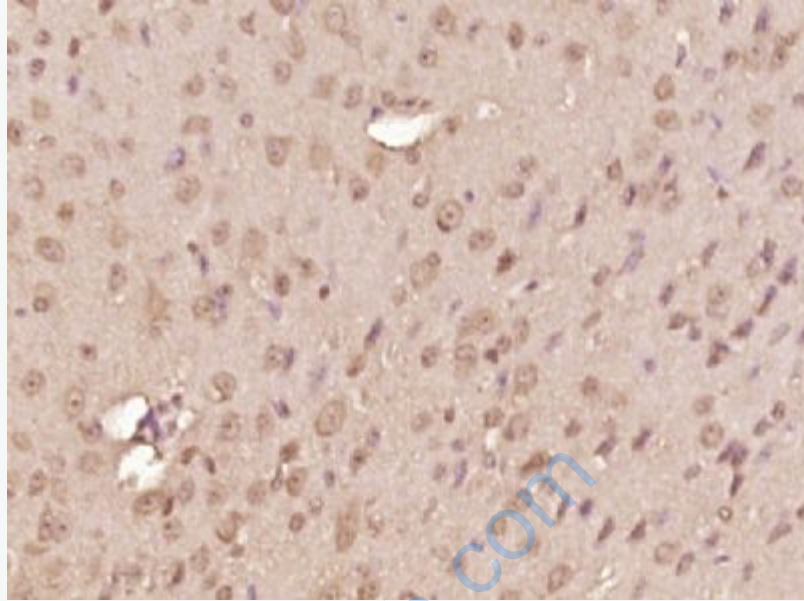
Protein: Raji lysate at 40ug;

Primary: rabbit Anti-RNF39 (SL11393R) at 1:300;

Secondary: HRP conjugated Goat-Anti-rabbit IgG(SL11393R) 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) instructions and DAB staining.