



Rabbit Anti-RNF22/TRIM3 antibody

SL9174R

Product Name:	RNF22/TRIM3
Chinese Name:	Ring finger protein22抗体
Alias:	TRIM3; BERP; Brain expressed RING finger protein; FLJ16135; HAC1; Ring finger protein 22; RNF22; RNF9; Tripartite motif containing 3
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	81kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human TRIM3/RNF22:301-400/744
Isotype:	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:	Function: BERP; Brain expressed RING finger protein; FLJ16135; HAC1; Ring finger protein 22; RNF22; RNF9; Tripartite motif containing 3. Probably involved in vesicular trafficking via its association with the CART complex. The CART complex is necessary for efficient transferrin receptor recycling but not for

EGFR degradation.

Subunit:

Associates with myosin-Vb (MYO5B) and alpha-actinin-4 (ACTN4) (By similarity). Component of the CART complex, at least composed of ACTN4, HGS/HRS, MYO5B and TRIM3. Interacts with ZFYVE28/LST2.

Subcellular Location:

Cytoplasmic

Tissue Specificity:

Expressed in brain, heart, uterus and testis.

Similarity:

Belongs to the TRIM/RBCC family.
Contains 1 B box-type zinc finger.
Contains 1 filamin repeat.
Contains 6 NHL repeats.
Contains 1 RING-type zinc finger.

SWISS:

O75382

Gene ID:

10612

Database links:

[Entrez Gene: 10612](#)Human

[Entrez Gene: 55992](#)Mouse

[Entrez Gene: 83616](#)Rat

[Ommim: 605493](#)Human

[SwissProt: O75382](#)Human

[SwissProt: Q9R1R2](#)Mouse

[SwissProt: O70277](#)Rat

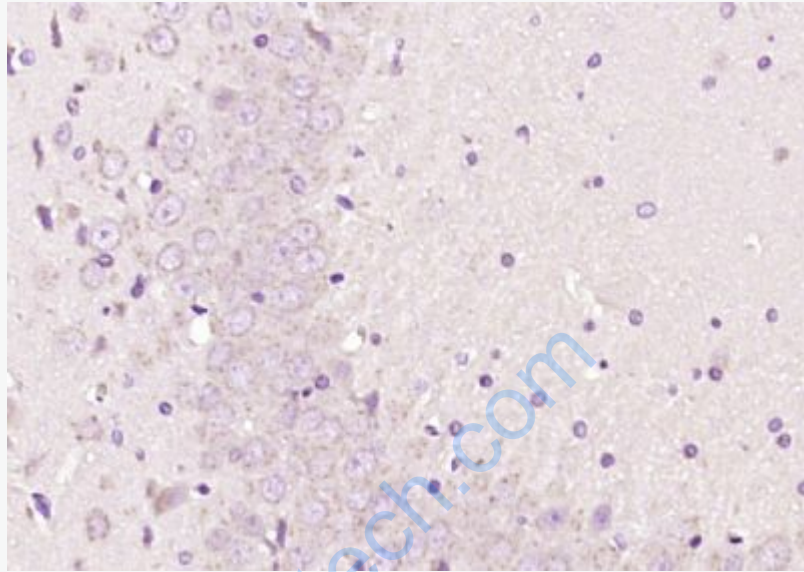
[Unigene: 591992](#)Human

[Unigene: 29290](#)Mouse

[Unigene: 203982](#)Rat

Important Note:

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



Picture:

Paraformaldehyde-fixed, paraffin embedded (rat 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 (RNF22/TRIM3) Polyclonal Antibody, Unconjugated (SL9174R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.