SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-RNF128 antibody

Catalog Number: SL23557R

FOR RESEARCH USE ONLY

[DATASHEET]

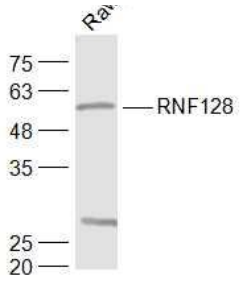
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	RNF128
Immunogen:	KLH conjugated synthetic peptide derived from human RNF128 : 201-300/428
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. 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,Pig,Cow,Sheep)
Predicted MW.:	43kDa
Subcellular Location:	cytoplasmic
Background:	The protein encoded by this gene is a type I transmembrane protein that localizes to the endocytic pathway. This protein contains a RING zinc-finger motif and has been shown to possess E3 ubiquitin ligase activity. Expression of this gene in retrovirally transduced T cell hybridoma significantly inhibits activation-induced IL2 and IL4 cytokine production. Induced expression of this gene was observed in anergic CD4(+) T cells, which suggested a role in the induction of anergic phenotype. Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]. **Function:** E3 ubiquitin-protein ligase that catalyzes polyubiquitin chains. Functions as an inhibitor of cytokine gene transcription. Inhibits IL2 and IL4

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

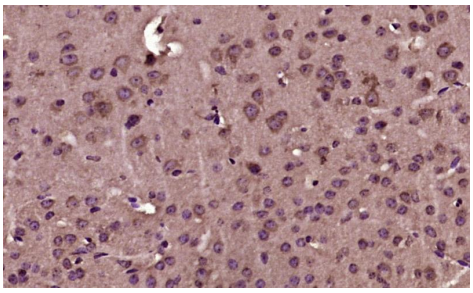
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	transcription and this activity is likely to be mediated by E3 ligase activity. Plays an important role in the induction of the anergic phenotype. Functions in the patterning of the dorsal ectoderm; sensitizes ectoderm to respond to neural-inducing signals. **Subcellular Location:** Endomembrane system; Single-pass membrane protein. Cytoplasm, perinuclear region. Note=Localized in an asymmetric perinuclear punctuate manner. Localizes to the internal pool of the transferrin recycling endosomal pathway. Partially colocalized with the endoplasmic reticulum resident HSPA5, with Golgi resident STX5, and with the late endosomal GTPase RAB7A. **Post-translational modifications:** Auto-ubiquitinated. Controls the development of T-cell clonal anergy by ubiquitination. **Similarity:** Contains 1 PA (protease associated) domain. Contains 1 RING-type zinc finger. **Database links:** **Entrez Gene:** 79589 Human **Entrez Gene:** 66889 Mouse **Entrez Gene:** 315911 Rat Omim: 300439 Human **SwissProt:** Q8TEB7 Human **SwissProt:** Q9D304 Mouse **Unigene:** 496542 Human **Unigene:** 27764 Mouse

[VALIDATION IMAGES]



Sample:
Raw264.7(Mouse) Cell Lysate at 30 ug
Primary: Anti-RNF128 (SL23557R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 43 kD
Observed band size: 58 kD



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 (RNF128) Polyclonal Antibody, Unconjugated (SL23557R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

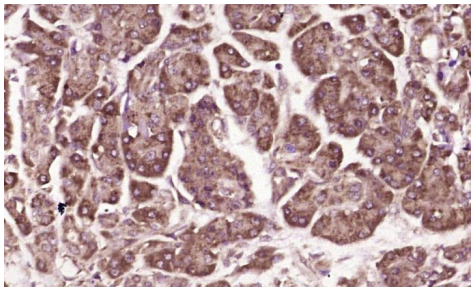
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Paraformaldehyde-fixed, paraffin embedded (human Pancreatic cancer); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (RNF128) Polyclonal Antibody, Unconjugated (SL23557R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

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