

Rabbit RNF128 Polyclonal Antibody | anti-RNF128 antibody

RNF128 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199255	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot

PRODUCT SYNONYMS

RNF128; Polyclonal Antibody; RNF128 antibody - C-terminal region; anti-RNF128 antibody

PRODUCT SPECIFICATIONS

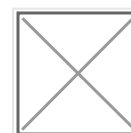
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide located within the following region: LE EHVQSTNESL QLVNHEANSV AVDVIPHVDN PTFEEDETPN QETAVREI
Sequence Length	428
Applicable Applications for anti-RNF128 antibody	WB (Western Blot)
Homology	Cow: 86%; Dog: 93%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 93%; Rabbit: 93%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human RNF128
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-RNF128 Antibody Titration: 1.25ug/ml
Positive Control: HepG2 cell lysate
RNF128 is supported by BioGPS gene expression data to be expressed in HepG2



WB (Western Blot)

Lanes: 1: CD4 T cell lysate from WT mice, 2: CD4 T cell lysate from WT mice treated with anti-CD3/CD28, 3: CD4 T cell lysate from WT mice treated with FK506, 4: CD4 T cell lysate from WT mice treated with anti-CD3/CD28 and FK506, 5: CD4 T cell lysate from TRPV1 KO mice, 6: CD4 T cell lysate from TRPV1 KO mice treated with anti-CD3/CD28, 7: CD4 T cell lysate from TRPV1 KO mice treated with FK506, 8: CD4 T cell lysate from TRPV1 KO mice treated with anti-CD3/CD28 and FK506.
Primary Antibody Dilution: 1:1000
Secondary Antibody: Anti-rabbit HRP
Secondary Antibody Dilution: 1:10,000
Gene Name: RNF128
Submitted by: Christine Quinley, UCSD

ADDITIONAL INFORMATION

Related Product Information for anti-RNF128 antibody	This is a rabbit polyclonal antibody against RNF128. It was validated on Western Blot using a cell lysate as a positive control. Target Description: RNF128 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 RNF128 in retrovirally transduced T cell hybridoma significantly inhibits activation-induced IL2 and IL4 cytokine production. Induced expression of RNF128 was observed in anergic CD4(+) T cells, which suggested a role in the induction of anergic phenotype.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.
Product Categories/Family for anti-RNF128 antibody	Polyclonal; Signal Proteins; Membrane Protein; E3 & Ubiquitin; Membrane & Traffic

NCBI AND UNIPROT INFORMATION

NCBI GI #	37588873
NCBI GeneID	79589
NCBI Accession #	NP_919445
NCBI GenBank Nucleotide #	NM_194463
UniProt Accession #	Q8TEB7
Molecular Weight	47kDa
NCBI Official Full Name	E3 ubiquitin-protein ligase RNF128 isoform 1
NCBI Official Synonym Full Names	ring finger protein 128, E3 ubiquitin protein ligase
NCBI Official Symbol	RNF128
NCBI Official Synonym Symbols	GRAIL
NCBI Protein Information	E3 ubiquitin-protein ligase RNF128
UniProt Protein Name	E3 ubiquitin-protein ligase RNF128
UniProt Gene Name	RNF128
UniProt Synonym Gene Names	GRAIL
UniProt Entry Name	RN128_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.