Datasheet for ABIN2774780

anti-RNF128 antibody (C-Term)

3 Images

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Overview

Quantity:	100 µL
Target:	RNF128
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig, Cow, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RNF128 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human RNF128
Sequence:	LEEHVQSTNE SLQLVNHEAN SVAVDVIPHV DNPTFEEDET PNQETAVREI
Predicted Reactivity:	Cow: 86%, Dog: 93%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against RNF128. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	RNF128

Target Details

Alternative Name:	RNF128 (RNF128 Products)
Background:	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. Alias Symbols: FLJ23516, GRAIL Protein Interaction Partner: CEP76, APPBP2, TP53, UBE2H, UBE2E1, UBE2D1, Arhgdia, Arhgdib, RNF128, UBE2T, UBE2I, UBE2N, CD40LG, OTUB1, USP8, Protein Size: 428
Molecular Weight:	47 kDa
Gene ID:	79589
NCBI Accession:	NM_194463, NP_919445
UniProt:	Q8TEB7

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 428 AA
Restrictions:	For Research Use only

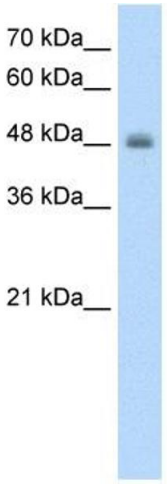
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Handling

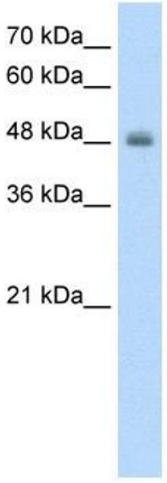
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. 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



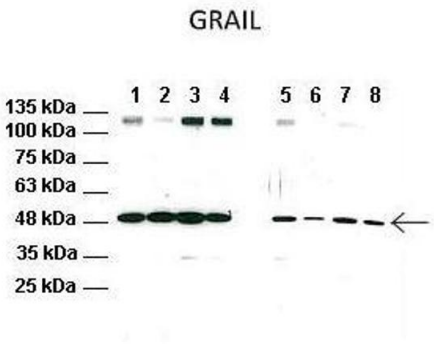
Western Blotting

Image 2. WB Suggested Anti-RNF128

Antibody Titration: 1.25 µg/mL

Positive Control: HepG2 cell lysate

RNF128 is supported by BioGPS gene expression data to be expressed in HepG2



See Immunoblot 2 Data and customer Feedback for more Information

Western Blotting

Image 3. 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