

For Research Use Only

# RNF114 Polyclonal antibody

Catalog Number: 14338-1-AP



## Basic Information

<b>Catalog Number:</b> 14338-1-AP	<b>GenBank Accession Number:</b> BC066919	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 500 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 55905	<b>Recommended Dilutions:</b> WB 1:1000-1:8000
<b>Source:</b> Rabbit	<b>Full Name:</b> ring finger protein 114	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 26 kDa	
<b>Immunogen Catalog Number:</b> AG5649	<b>Observed MW:</b> 26 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : Jurkat cells,
<b>Species Specificity:</b> human	

## Background Information

RNF114, also known as ZNF228 or ZNF313, is a member of the zinc-binding protein family. RNF114 contains two C2H2 and Ring finger zinc-binding domains and a ubiquitin-interacting motif (UIM). RNF114 functions as an E3 ligase in the ubiquitin-proteasome system and plays an important role in basic cellular processes in different types of cells. RNF114 is expressed widely in many normal tissues, such as the heart, liver, and kidney. RNF114 has 2 isoforms with the molecular mass of 21 and 26 kDa. RNF114 is a novel determinant of psoriasis susceptibility, and its overexpression is a crucial indicator of epithelial inflammation (PMID: 34104941, 35069903, 37523804).

## Storage

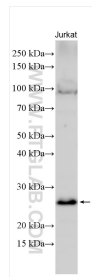
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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## Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 14338-1-AP (RNF114 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.