

Datasheet for ABIN7270072
anti-RNF20 antibody (AA 1-260)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	RNF20
Binding Specificity:	AA 1-260
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RNF20 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	RNF20 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-260 of human RNF20 (NP_062538.5).
Sequence:	MSGIGNKRAA GEPGTSMPPE KKAAVEDSGT TVETIKLGGV SSTEELDIRT LQTKNRKLAE MLDQRQAIED ELREHIEKLE RRQATDDASL LIVNRYWSQF DENIRIILKR YDLEQGLGDL LTERKALVVP EPEPDSDSNQ ERKDDRERGE GQEPAFSFLA TLASSSSEEM ESQIQERVES SRRAVSQIVT VYDKLQEKVE LLSRKLNSGD NLIVEEAVQE LNSFLAQENM RLQELTDLLQ EKHRTMSQEF SKLQSKVETA
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: RNF20

Alternative Name: RNF20 ([RNF20 Products](#))

Background: The protein encoded by this gene shares similarity with BRE1 of *S. cerevisiae*. The protein encoded by this human gene is an E3 ubiquitin ligase that regulates chromosome structure by monoubiquitinating histone H2B. This protein acts as a putative tumor suppressor and positively regulates the p53 tumor suppressor as well as numerous histone H2A and H2B genes. In contrast, this protein also suppresses the expression of several protooncogenes and growth-related genes, including many genes that are induced by epidermal growth factor. This gene selectively suppresses the expression of some genes by interfering with chromatin recruitment of transcription elongation factor SII (TFIIS).,RNF20,BRE1,BRE1A,hBRE1,Epigenetics & Nuclear Signaling,Histones,Chromatin Modifying Enzymes,Ubiquitination,Cell Biology & Developmental Biology,Ubiquitin,RNF20

Molecular Weight: 113kDa

Gene ID: 56254

UniProt: [Q5VTR2](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

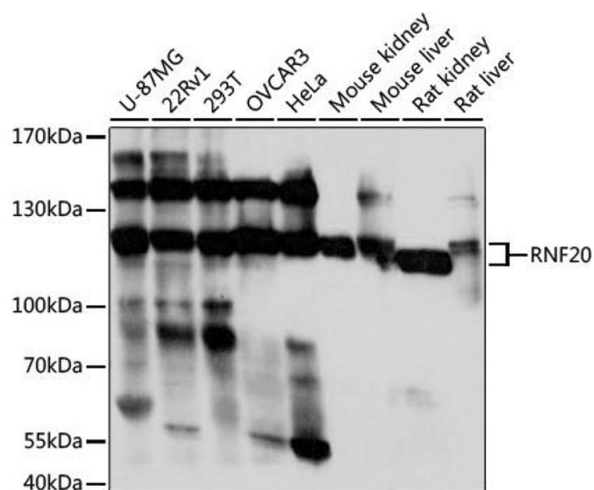
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using RNF20 antibody (ABIN7270072) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.