

RNF20

Reactivity:Human

Tested applications:WB

Recommended Dilution:WB 1:500 - 1:1000

Calculated MW:114kDa

Observed MW:Refer to figures

Immunogen:

A synthetic peptide of human RNF20

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

fl

Synonym:

BRE1; BRE1A; hBRE1;

Catalog #:A2325

Antibody Type:

Monoclonal Antibody

Species:Mouse

Gene ID:56254

Isotype:IgG

Swiss Prot:Q5VTR2

Purity:Affinity purification

For research use only.

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).

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