



Human RNF20 peptide (DAG-P1131)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene shares similarity with BRE1 of <i>S. cerevisiae</i> . 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). [provided by RefSeq, Feb 2012]
Conjugate	Unconjugated
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	RNF20 ring finger protein 20, E3 ubiquitin protein ligase [Homo sapiens (human)]
Official Symbol	RNF20
Synonyms	RNF20; ring finger protein 20, E3 ubiquitin protein ligase; BRE1; BRE1A; hBRE1; E3 ubiquitin-protein ligase BRE1A; BRE1-A; homolog of <i>S. cerevisiae</i> BRE1; BRE1 E3 ubiquitin ligase homolog;
Entrez Gene ID	56254
mRNA Refseq	NM_019592.6

Protein Refseq	NP_062538.5
UniProt ID	Q5VTR2
Chromosome Location	9q22
Function	chromatin binding; histone binding; p53 binding; protein binding; transcription coactivator activity; ubiquitin protein ligase binding; ubiquitin-protein ligase activity; contributes_to ubiquitin-protein ligase activity; zinc ion binding;