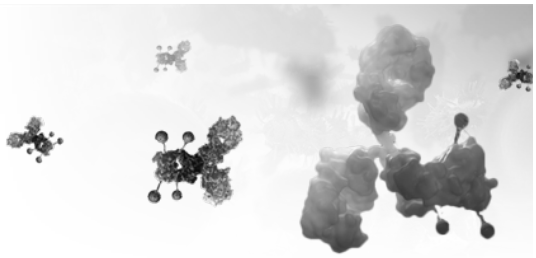

Human RNF103 blocking peptide (CDBP1681)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-KF1/ZFP103 antibody
Antigen Description	The protein encoded by this gene contains a RING-H2 finger, a motif known to be involved in protein-protein and protein-DNA interactions. This gene is highly expressed in normal cerebellum, but not in the cerebral cortex. The expression of the rat counterpart in the frontal cortex and hippocampus was shown to be induced by elctroconvulsive treatment (ECT) as well as chronic antidepressant treatment, suggesting that this gene may be a molecular target for ECT and antidepressants. The protein is a ubiquitin ligase that functions in the endoplasmic reticulum-associated degradation pathway. Alternative splicing of this gene results in multiple transcript variants. Read-through transcription also exists between this gene and the downstream CHMP3 (charged multivesicular body protein 3) gene. [provided by RefSeq, Oct 2011]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	RNF103 ring finger protein 103 [Homo sapiens (human)]

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Official Symbol	RNF103
Synonyms	RNF103; ring finger protein 103; KF1; KF-1; HKF-1; ZFP103; ZFP-103; E3 ubiquitin-protein ligase RNF103; zinc finger protein 103 homolog; zinc finger protein expressed in cerebellum;
Entrez Gene ID	7844
mRNA Refseq	NM_001198951.1
Protein Refseq	NP_001185880.1
UniProt ID	O00237
Chromosome Location	2p11.2
Function	protein binding; ubiquitin-protein ligase activity; zinc ion binding;

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