



Human RNF7 blocking peptide (CDBP2562)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-RNF7/SAG/ROC2 antibody
Antigen Description	The protein encoded by this gene is a highly conserved ring finger protein. It is an essential subunit of SKP1-cullin/CDC53-F box protein ubiquitin ligases, which are a part of the protein degradation machinery important for cell cycle progression and signal transduction. This protein interacts with, and is a substrate of, casein kinase II (CSNK2A1/CKII). The phosphorylation of this protein by CSNK2A1 has been shown to promote the degradation of IκappaBα (CHUK/IKK-α/IKBKA) and p27Kip1 (CDKN1B). Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]
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	RNF7 ring finger protein 7 [Homo sapiens (human)]
Official Symbol	RNF7
Synonyms	RNF7; ring finger protein 7; SAG; ROC2; CKBBP1; RING-box protein 2; rbx2; regulator of

cullins 2; CKII beta-binding protein 1; zinc RING finger protein SAG; sensitive to apoptosis gene protein; sensitive to apoptosis, zinc RING finger protein SAG, regulator of cullins 2;

Entrez Gene ID	9616
mRNA Refseq	NM_001201370.1
Protein Refseq	NP_001188299.1
UniProt ID	Q9UBF6
Chromosome Location	3q22-q24
Pathway	ECS complex, organism-specific biosystem; ECS complex, conserved biosystem; Ubiquitin mediated proteolysis, organism-specific biosystem; Ubiquitin mediated proteolysis, conserved biosystem;
Function	NEDD8 ligase activity; copper ion binding; protein binding; zinc ion binding;