



Human DROSHA blocking peptide (CDBP2544)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-RNASEN/Drosha antibody
Antigen Description	Members of the ribonuclease III superfamily of double-stranded (ds) RNA-specific endoribonucleases participate in diverse RNA maturation and decay pathways in eukaryotic and prokaryotic cells (Fortin et al., 2002 [PubMed 12191433]). The RNase III Drosha is the core nuclease that executes the initiation step of microRNA (miRNA) processing in the nucleus (Lee et al., 2003 [PubMed 14508493]).
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	DROSHA drosha, ribonuclease type III [Homo sapiens]
Official Symbol	DROSHA
Synonyms	DROSHA; drosha, ribonuclease type III; ribonuclease type III, nuclear , RNASEN; ribonuclease 3; drosha; double stranded RNA specific endoribonuclease; ribonuclease type III; Etohi2; HSA242976; RN3; RNASE3L; p241; RNase III; protein Drosha; nuclear RNase III Drosha;

putative ribonuclease III; ribonuclease III, nuclear; ribonuclease type III, nuclear; drosha, double-stranded RNA-specific endoribonuclease; putative protein p241 which interacts with transcription factor Sp1; ETOH12; RNASEN; RANSE3L;

Entrez Gene ID	29102
mRNA Refseq	NM_001100412
Protein Refseq	NP_001093882
UniProt ID	Q9NRR4
Chromosome Location	5q11.2
Pathway	Direct p53 effectors, organism-specific biosystem; Gene Expression, organism-specific biosystem; MicroRNA (miRNA) Biogenesis, organism-specific biosystem; Regulatory RNA pathways, organism-specific biosystem; Ribosome biogenesis in eukaryotes, organism-specific biosystem; Ribosome biogenesis in eukaryotes, conserved biosystem;
Function	double-stranded RNA binding; endonuclease activity; hydrolase activity; metal ion binding; protein binding; ribonuclease III activity;