



Human DDX5 blocking peptide (CDBP0986)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-DDX5/p68 RNA helicase antibody
Antigen Description	DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure, such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein, which is a RNA-dependent ATPase, and also a proliferation-associated nuclear antigen, specifically reacting with the simian virus 40 tumor antigen. This gene consists of 13 exons, and alternatively spliced transcripts containing several intron sequences have been detected, but no isoforms encoded by these transcripts have been identified.
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 [DDX5 DEAD \(Asp-Glu-Ala-Asp\) box helicase 5 \[Homo sapiens \]](#)

Official Symbol	DDX5
Synonyms	DDX5; DEAD (Asp-Glu-Ala-Asp) box helicase 5; DEAD (Asp Glu Ala Asp) box polypeptide 5 , DEAD/H (Asp Glu Ala Asp/His) box polypeptide 5 (RNA helicase, 68kD) , G17P1, HLR1; probable ATP-dependent RNA helicase DDX5; p68; DEAD box-5; RNA helicase p68; DEAD box protein 5; ATP-dependent RNA helicase DDX5; DEAD (Asp-Glu-Ala-Asp) box polypeptide 5; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 5 (RNA helicase, 68kD); HLR1; G17P1; HUMP68; DKFZp434E109; DKFZp686J01190;
Entrez Gene ID	1655
mRNA Refseq	NM_004396
Protein Refseq	NP_004387
UniProt ID	P17844
Chromosome Location	17q21
Pathway	Direct p53 effectors, organism-specific biosystem; Spliceosome, organism-specific biosystem; Spliceosome, conserved biosystem; Transcriptional misregulation in cancer, organism-specific biosystem; Transcriptional misregulation in cancer, conserved biosystem;
Function	ATP binding; ATP-dependent helicase activity; RNA helicase activity; RNA helicase activity; androgen receptor binding; estrogen receptor binding; hydrolase activity; hydrolase activity, acting on acid anhydrides, in phosphorus-containing anhydrides; nucle