



Anti-DDX19B monoclonal antibody (DCABH-11244)

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

PRODUCT INFORMATION

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 exhibits RNA-dependent ATPase and ATP-dependent RNA-unwinding activities. This protein is recruited to the cytoplasmic fibrils of the nuclear pore complex, where it participates in the export of mRNA from the nucleus. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Immunogen	A synthetic peptide of human DDX19B is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	Western Blot (Transfected lysate); ELISA
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	DDX19B DEAD (Asp-Glu-Ala-Asp) box polypeptide 19B [Homo sapiens]
Official Symbol	DDX19B
Synonyms	DDX19B; DEAD (Asp-Glu-Ala-Asp) box polypeptide 19B; DDX19, DEAD (Asp Glu Ala As) box polypeptide 19 , DEAD/H (Asp Glu Ala Asp/His) box polypeptide 19 (Dbp5, yeast, homolog); ATP-dependent RNA helicase DDX19B; DBP5; DEAD-box protein 5; yeast Dbp5 homolog; DEAD box protein 19B; DEAD box RNA helicase DEAD5; DEAD-box RNA helicase DEAD5; ATP-dependent RNA helicase DDX19; DEAD (Asp-Glu-Ala-As) box polypeptide 19B; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 19 (Dbp5, yeast, homolog); RNAh; DDX19;
Entrez Gene ID	11269
Protein Refseq	NP_001014449
UniProt ID	A0A024QZ90
Chromosome Location	16q22.3
Function	ATP binding; ATP-dependent helicase activity; RNA binding; helicase activity; hydrolase activity; nucleotide binding;