



Anti-DDX28 monoclonal antibody (DCABH-11248)

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 the DEAD box protein family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene is intronless. It encodes an RNA-dependent ATPase. The encoded protein is localized in the mitochondria and the nucleus, and can be transported between the mitochondria and the nucleus.
Immunogen	A synthetic peptide of human DDX28 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	DDX28 DEAD (Asp-Glu-Ala-Asp) box polypeptide 28 [Homo sapiens]
Official Symbol	DDX28
Synonyms	DDX28; DEAD (Asp-Glu-Ala-Asp) box polypeptide 28; DEAD/H (Asp Glu Ala Asp/His) box polypeptide 28; probable ATP-dependent RNA helicase DDX28; FLJ11282; MDDX28; mitochondrial DEAD box protein 28; mitochondrial DEAD-box polypeptide 28; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 28;
Entrez Gene ID	55794
Protein Refseq	NP_060850
UniProt ID	Q9NUL7
Chromosome Location	16q22.1-q22.3
Function	ATP binding; ATP-dependent helicase activity; RNA binding; helicase activity; hydrolase activity; nucleotide binding;