



Anti-DHX36 monoclonal antibody (DCABH-11280)

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

PRODUCT INFORMATION

Antigen Description This gene is a member of the DEAH-box family of RNA-dependent NTPases which are named after the conserved amino acid sequence Asp-Glu-Ala-His in motif II. The protein encoded by this gene has been shown to enhance the deadenylation and decay of mRNAs with 3-UTR AU-rich elements (ARE-mRNA). The protein has also been shown to resolve into single strands the highly stable tetramolecular DNA configuration (G4) that can form spontaneously in guanine-rich regions of DNA. Alternative splicing results in multiple transcript variants encoding different isoforms.

Immunogen	A synthetic peptide of human DHX36 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	DHX36 DEAH (Asp-Glu-Ala-His) box polypeptide 36 [Homo sapiens]
Official Symbol	DHX36
Synonyms	DHX36; DEAH (Asp-Glu-Ala-His) box polypeptide 36; DDX36, DEAD/H (Asp Glu Ala Asp/His) box polypeptide 36; probable ATP-dependent RNA helicase DHX36; KIAA1488; MLEL1; G4 resolvase-1; MLE-like protein 1; DEAH box protein 36; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 36; RNA helicase associated with AU-rich element ARE; G4R1; RHAU; DDX36;
Entrez Gene ID	170506
Protein Refseq	NP_001107869
UniProt ID	Q9H2U1
Chromosome Location	3p13-q23
Pathway	RNA degradation, organism-specific biosystem; RNA degradation, conserved biosystem;
Function	ATP binding; ATP-dependent helicase activity; helicase activity; hydrolase activity; nucleic acid binding; nucleotide binding; protein binding;