



Anti-DDX41 (aa 523-622) polyclonal antibody (DPAB-DC2170)

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 encodes a member of this family. The function of this member has not been determined. Based on studies in Drosophila, the abstract gene is widely required during post-transcriptional gene expression.
Immunogen	DDX41 (NP_057306, 523 a.a. ~ 622 a.a) partial recombinant protein with GST tag. The sequence is TGRSGNTGIATTFFINKACDESVLMDLKALLLEAKQKVPVLQVLHCGDESMLDIGGERGC AFCGGLGHRITDCPKLEAMQTKQVSNIGRKDYLAHSSMDF
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	DDX41 DEAD (Asp-Glu-Ala-Asp) box polypeptide 41 [Homo sapiens (human)]
Official Symbol	DDX41
Synonyms	DDX41; DEAD (Asp-Glu-Ala-Asp) box polypeptide 41; ABS; probable ATP-dependent RNA helicase DDX41; 2900024F02Rik; DEAD box protein 41; putative RNA helicase; DEAD-box protein abstrakt; DEAD box protein abstrakt homolog;
Entrez Gene ID	51428
Protein Refseq	NP_057306
UniProt ID	Q9UJV9
Chromosome Location	5q35.3
Pathway	Cytosolic sensors of pathogen-associated DNA; Immune System; Regulation of innate immune responses to cytosolic DNA;
Function	ATP binding; DNA binding; helicase activity; poly(A) RNA binding