



Anti-DDX56 (aa 450-547) polyclonal antibody (DPAB-DC2345)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the DEAD box protein family. 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. The protein encoded by this gene shows ATPase activity in the presence of polynucleotides and associates with nucleoplasmic 65S preribosomal particles. This gene may be involved in ribosome synthesis, most likely during assembly of the large 60S ribosomal subunit. Multiple transcript variants encoding different isoforms have been found for this gene.
Immunogen	DDX56 (NP_061955, 450 a.a. ~ 547 a.a) partial recombinant protein with GST tag. The sequence is IKEELLHSEKLKYFEDNPRDLQLLRHDLPLHPAVVKPHLGHVPDYLVPPALRGLVRPHK KRKKLSSSCRKAKRAKSQNPLRSFKHKGKKRPTAKPS
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	DDX56 DEAD (Asp-Glu-Ala-Asp) box helicase 56 [Homo sapiens (human)]
Official Symbol	DDX56
Synonyms	DDX56; DEAD (Asp-Glu-Ala-Asp) box helicase 56; DDX21; DDX26; NOH61; probable ATP-dependent RNA helicase DDX56; DEAD box protein 21; DEAD box protein 56; DEAD-box RNA helicase; 61-kd nucleolar helicase; nucleolar helicase of 61 kDa; putative nucleolar RNA helicase; DEAD (Asp-Glu-Ala-Asp) box polypeptide 56; ATP-dependent 61 kDa nucleolar RNA helicase;
Entrez Gene ID	54606
Protein Refseq	NP_001244118
UniProt ID	Q9NY93
Chromosome Location	7p13
Function	ATP binding; ATP-dependent RNA helicase activity; poly(A) RNA binding;