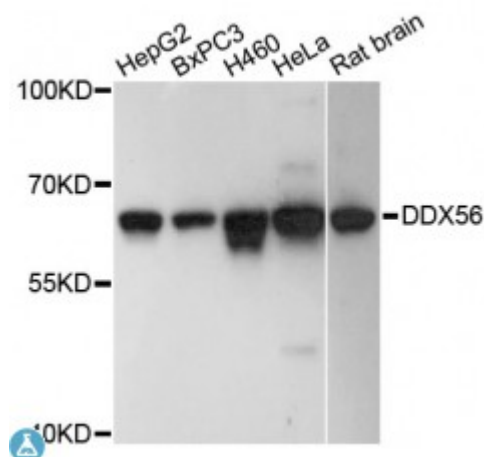


Anti-DDX56 Antibody



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.

Model	STJ116360
Host	Rabbit
Reactivity	Human, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 318-547 of human DDX56 (NP_061955.1).
Gene ID	54606
Gene Symbol	DDX56
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Detected in heart, brain, liver, pancreas, placenta and lung

Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Probable ATP-dependent RNA helicase DDX56
Molecular Weight	61.59 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:18193OMIM:608023
Alternative Names	Probable ATP-dependent RNA helicase DDX56
Function	May play a role in later stages of the processing of the pre-ribosomal particles leading to mature 60S ribosomal subunits, Has intrinsic ATPase activity
Cellular Localization	Nucleus, nucleolus

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