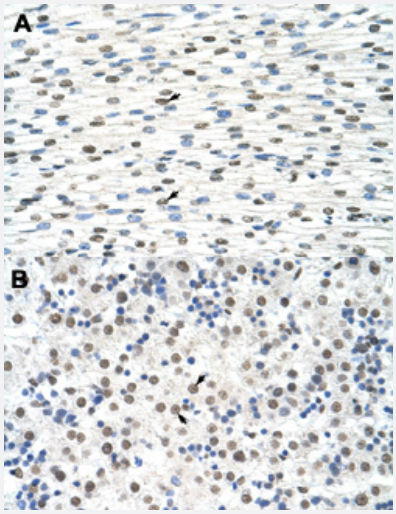
DDX19B polyclonal antibody

Catalog # PAB30027 Size 100 uL

Applications

Western Blot (Cell lysate)

Western Blot analysis of HepG2 cell lysate with DDX19B polyclonal antibody (Cat # PAB30027) at 1.25 ug/mL working concentration.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human heart (A) and human liver (B) with DDX19B polyclonal antibody (Cat # PAB30027) at 4-8 ug/mL working concentration.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of human DDX19B.
Immunogen	A synthetic peptide corresponding to N-terminus of human DDX19B.
Sequence	DEQEAAAESLSNLHLKEEKIKPDTNGAVVKTNANAEKTDEEEKEDRAAQS
Host	Rabbit

Theoretical MW (kDa)	53
Reactivity	Human
Form	Liquid
Purification	Protein A purification
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (4-8 ug/mL) Western Blot (1.25 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (2% sucrose, 0.09% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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Gene Info — DDX19B

Entrez GeneID	11269
GeneBank Accession#	NM_007242
Protein Accession#	NP_009173;Q9UMR2
Gene Name	DDX19B
Gene Alias	DBP5, DDX19, RNAh
Gene Description	DEAD (Asp-Glu-Ala-As) box polypeptide 19B
Omim ID	605812

Gene Ontology	Hyperlink
Gene Summary	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 ribosom e and spliceosome assembly. Based on their distribution patterns, some members of this family a re believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein, which exhibits RNA-dependent ATPase and ATP-depe ndent RNA-unwinding activities. This protein is recruited to the cytoplasmic fibrils of the nuclear p ore complex, where it participates in the export of mRNA from the nucleus. Multiple alternatively s pliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	ATP-dependent RNA helicase DDX19|DEAD (Asp-Glu-Ala-As) box polypeptide 19|DEAD-box R NA helicase DEAD5|DEAD-box protein 5|DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 19 (D bp5, yeast, homolog)|yeast Dbp5 homolog