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Rabbit Anti-DDX19B antibody

SL3764R

Product Name:	DDX19B
Chinese Name:	解旋酶DEAD5抗体
Alias:	DDX19B; Dbp5; DDX19; DEAD box protein 19B; DEAD box RNA helicase DEAD5; helicase DEAD5; DD19B_HUMAN; ATP-dependent RNA helicase DDX19B; DEAD box RNA helicase DEAD5; DBP5; TDBP.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	53kDa
Cellular localization:	The nucleuscytoplasmicThe cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human DDX19B:51-150/479
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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. This gene encodes a DEAD box protein, which exhibits RNA-dependent ATPase and ATP-dependent RNA-unwinding activities. This protein is recruited to the cytoplasmic fibrils of the nuclear pore complex, where it participates in the export of mRNA from the nucleus. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]. **Function:** ATP-dependent RNA helicase involved in mRNA export from the nucleus. **Subunit:** Interacts with NUP214. **Subcellular Location:** Cytoplasm. Nucleus, nuclear pore complex. Nucleus membrane; Peripheral membrane protein; Cytoplasmic side. Note=Nuclear pore complex cytoplasmic fibrils. **Similarity:** Belongs to the DEAD box helicase family. DDX19/DBP5 subfamily. Contains 1 helicase ATP-binding domain. Contains 1 helicase C-terminal domain. **SWISS:** Q9UMR2 **Gene ID:** 11269 **Database links:** Entrez Gene: 11269 Human Entrez Gene: 517438 Cow Entrez Gene: 234733 Mouse Entrez Gene: 690693 Rat Omim: 605812 Human SwissProt: Q3ZBV2 Cow SwissProt: Q9UMR2 Human Unigene: 221761 Human Unigene: 482176 Mouse

	Unigene: 60026 Rat **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.