

## Product datasheet for **TA349881**

### DDX19B Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Hela cells IHC: 50-200 Positive control: Human tonsil Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human DDX19B
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	54 kDa
Gene Name:	DEAD-box helicase 19B
Database Link:	<a href="#">NP_009173</a> <a href="#">Entrez Gene 11269 Human</a> <a href="#">Q9UMR2</a>



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**Background:**

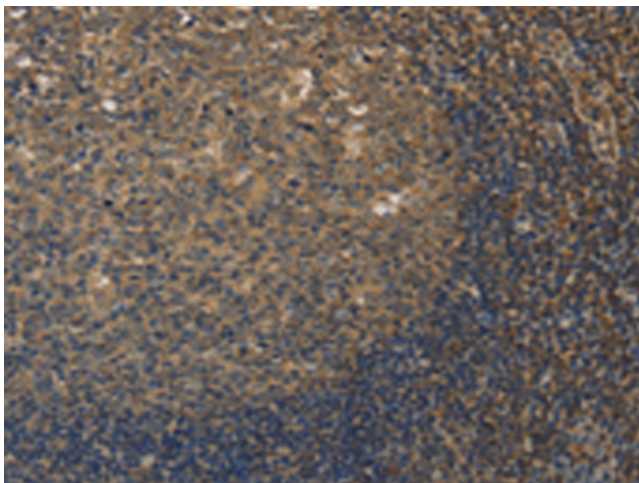
DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome 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.

**Synonyms:**

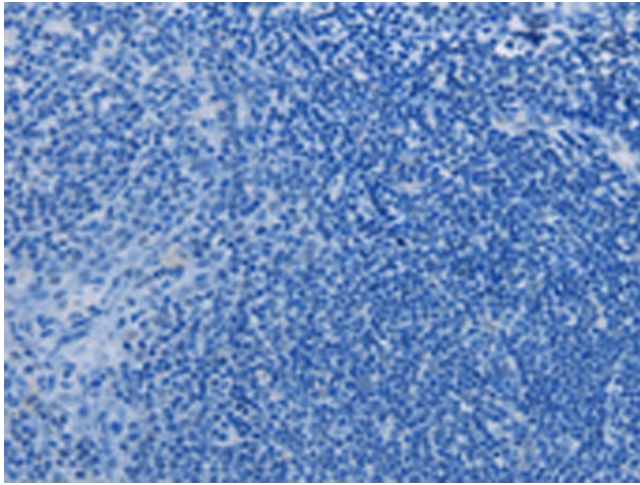
DBP5; DDX19; RNAh

**Product images:**

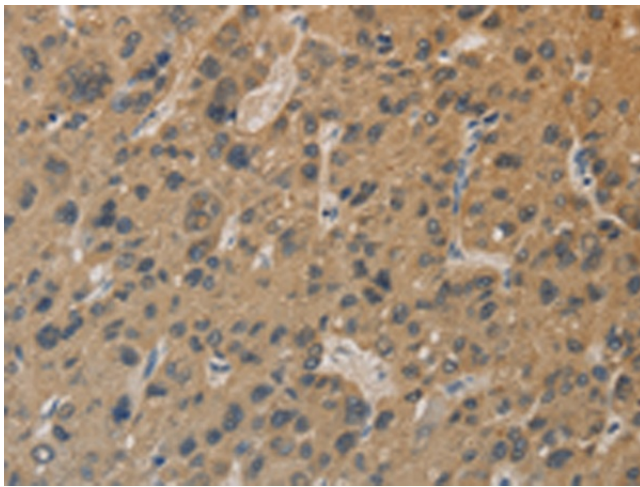
Gel: 8%SDS-PAGE  
Lysate: 40 µg  
Lane: Hela cells  
Primary antibody: TA349881 (DDX19B Antibody)  
at dilution 1/400  
Secondary antibody: Goat anti rabbit IgG at  
1/8000 dilution  
Exposure time: 40 seconds



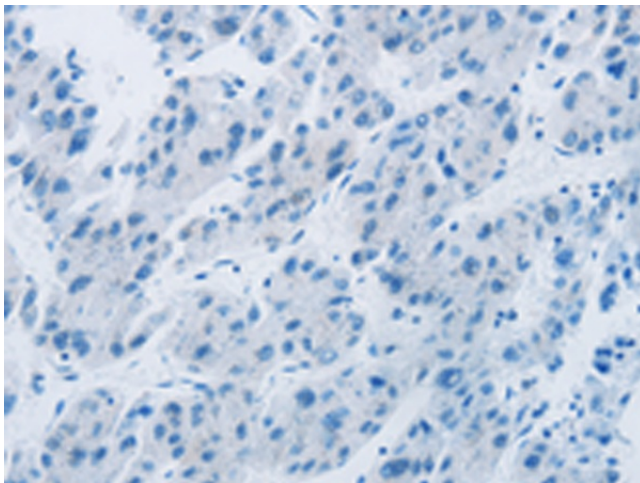
Immunohistochemistry of paraffin-embedded  
Human tonsil tissue using TA349881 (DDX19B  
Antibody) at dilution 1/20 (Original magnification:  
×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA349881 (DDX19B Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA349881 (DDX19B Antibody) at dilution 1/20 (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA349881 (DDX19B Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: x200)