

Datasheet for ABIN7266696

**anti-DDX39B antibody**

5 Images

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## Overview

Quantity:	100 µL
Target:	DDX39B
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This DDX39B antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB)

## Product Details

Purpose:	UAP56/DDX39B Rabbit mAb
Immunogen:	A synthesized peptide derived from human UAP56/DDX39B
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

## Target Details

Target:	DDX39B
Alternative Name:	DDX39B ( <a href="#">DDX39B Products</a> )
Background:	This gene encodes a member of the DEAD box family of RNA-dependent ATPases that mediate

## Target Details

ATP hydrolysis during pre-mRNA splicing. The encoded protein is an essential splicing factor required for association of U2 small nuclear ribonucleoprotein with pre-mRNA, and it also plays an important role in mRNA export from the nucleus to the cytoplasm. This gene belongs to a cluster of genes localized in the vicinity of the genes encoding tumor necrosis factor alpha and tumor necrosis factor beta. These genes are all within the human major histocompatibility complex class III region. Mutations in this gene may be associated with rheumatoid arthritis. Alternative splicing results in multiple transcript variants. Related pseudogenes have been identified on both chromosomes 6 and 11. Read-through transcription also occurs between this gene and the upstream ATP6V1G2 (ATPase, H<sup>+</sup> transporting, lysosomal 13 kDa, V1 subunit G2) gene. [provided by RefSeq, Feb 2011],BAT1, D6S81E, UAP56,Epigenetics & Nuclear Signaling,DDX39B

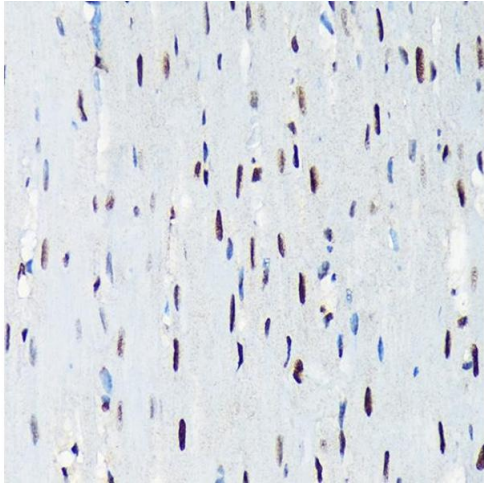
Molecular Weight:	45kDa
Gene ID:	7919
UniProt:	<a href="#">Q13838</a>
Pathways:	<a href="#">Ribonucleoprotein Complex Subunit Organization</a>

## Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200
Restrictions:	For Research Use only

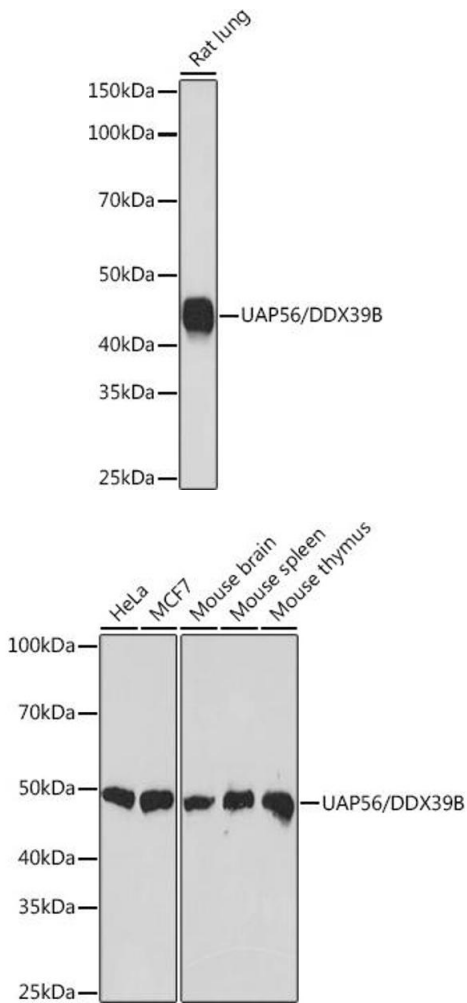
## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded rat heart using U/DDX39B Rabbit mAb (ABIN7266696) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



### Western Blotting

**Image 2.** Western blot analysis of extracts of Rat lung, using U/DDX39B Rabbit mAb (ABIN7266696) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.

### Western Blotting

**Image 3.** Western blot analysis of extracts of various cell lines, using U/DDX39B Rabbit mAb (ABIN7266696) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7266696.