

A7955

Leader in Biomolecular Solutions for Life Science



## DDX39A Rabbit pAb

Catalog No.: A7955

### Basic Information

**Observed MW**

49kDa

**Calculated MW**

49kDa

**Category**

Polyclonal Antibody

**Applications**

WB,IHC-P,IF/ICC,ELISA

**Cross-Reactivity**

Human,Mouse,Rat

### Background

This gene encodes a member of the DEAD box protein family. These proteins are characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD) and 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 the DEAD box protein family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene is thought to play a role in the prognosis of patients with gastrointestinal stromal tumors. A pseudogene of this gene is present on chromosome 13. Alternate splicing results in multiple transcript variants. Additional alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known.

### Recommended Dilutions

<b>WB</b>	1:500 - 1:1000
<b>IHC-P</b>	1:50 - 1:200
<b>IF/ICC</b>	1:50 - 1:200

### Immunogen Information

**Gene ID**

10212

**Swiss Prot**

O00148

**Immunogen**

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human DDX39A (NP\_005795.2).

**Synonyms**

BAT1; DDXL; BAT1L; DDX39; URH49; DDX39A

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

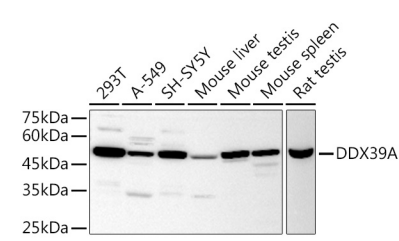
Affinity purification

**Storage**

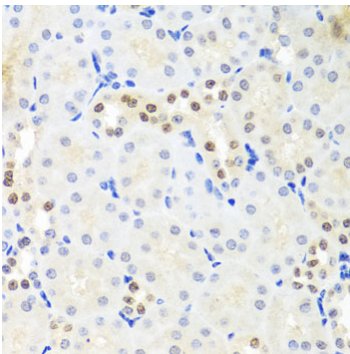
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

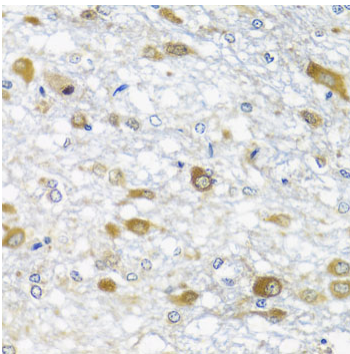
Validation Data



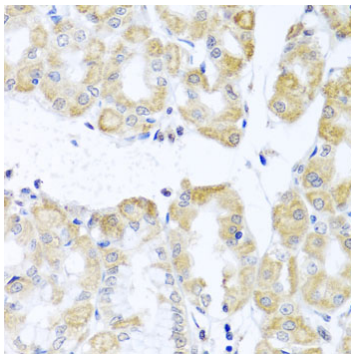
Western blot analysis of extracts of various cell lines, using DDX39A antibody (A7955) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



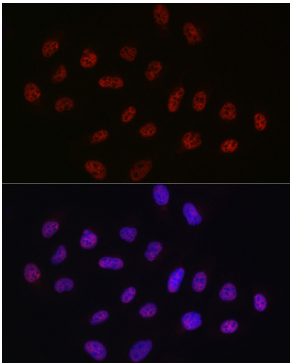
Immunohistochemistry analysis of paraffin-embedded mouse kidney using DDX39A antibody (A7955) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



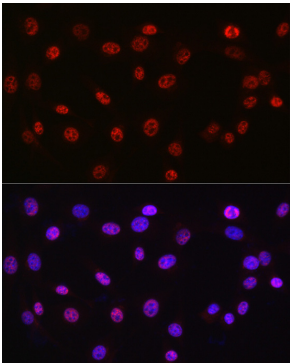
Immunohistochemistry analysis of paraffin-embedded rat brain using DDX39A antibody (A7955) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



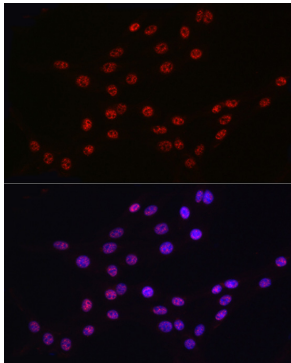
Immunohistochemistry analysis of paraffin-embedded human stomach using DDX39A antibody (A7955) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



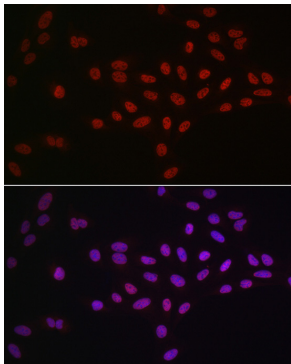
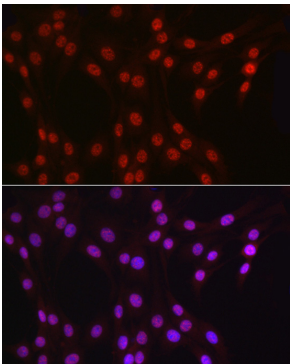
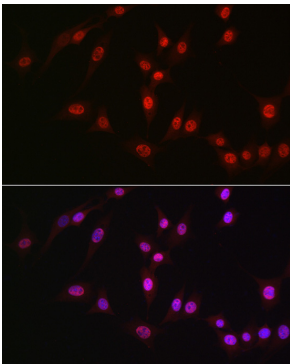
Immunofluorescence analysis of U2OS cells using DDX39A antibody (A7955) at dilution of 1:50. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using DDX39A antibody (A7955) at dilution of 1:50. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using DDX39A antibody (A7955) at dilution of 1:50. Blue: DAPI for nuclear staining.



## Validation Data

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Immunofluorescence analysis of NIH/3T3 cells using DDX39A Rabbit pAb (A7955) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.	Immunofluorescence analysis of PC-12 cells using DDX39A Rabbit pAb (A7955) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.	Immunofluorescence analysis of U2OS cells using DDX39A Rabbit pAb (A7955) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.
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