

## Product datasheet for **TA375390**

### DDX39 (DDX39A) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	WB,1:500 - 1:2000 IHC,1:50 - 1:200 IF,1:50 - 1:200
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 178-427 of human DDX39A (NP_005795.2).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	30kDa/36kDa/49kDa
Gene Name:	DEAD-box helicase 39A
Database Link:	<a href="#">Entrez Gene 10212 Human O00148</a>



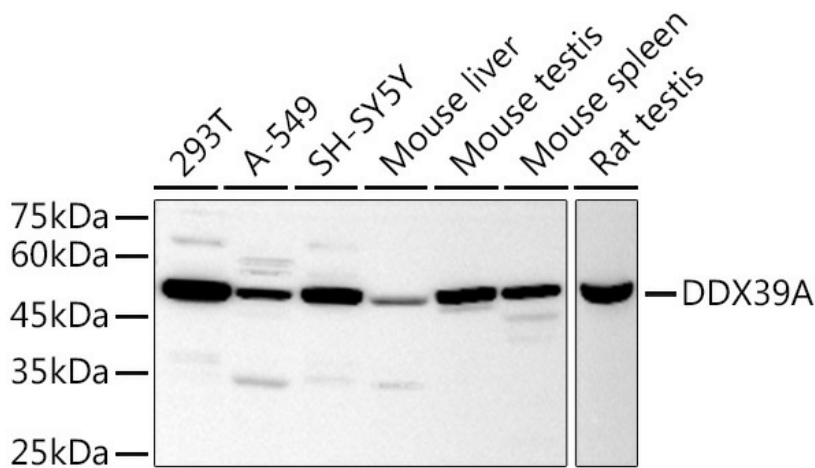
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**Background:**

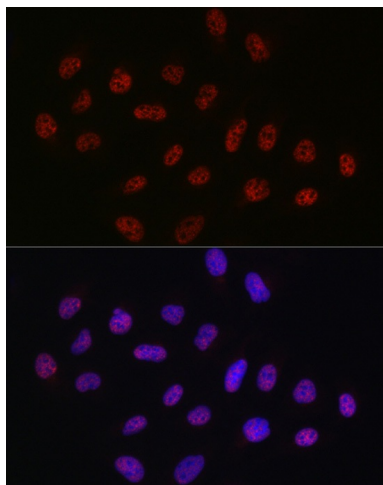
This gene encodes a member of the DEAD box protein family. These proteins are characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD) and are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure, such as translation initiation, 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.

**Synonyms:**

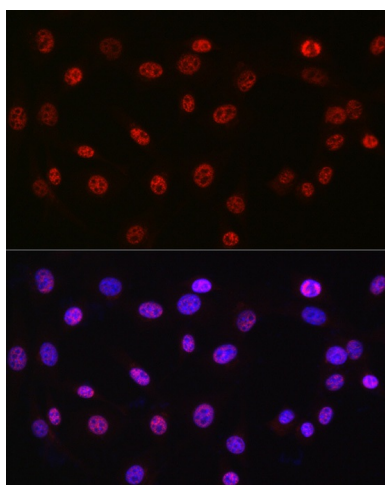
Ddx39; Ddxl

**Product images:**


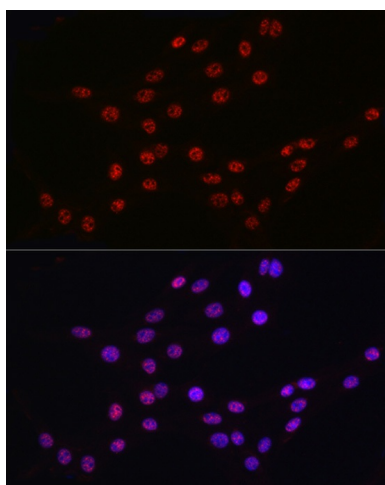
Western blot analysis of extracts of various cell lines, using DDX39A antibody (TA375390) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 90s.



Immunofluorescence analysis of U2OS cells using DDX39A antibody (TA375390) at dilution of 1:50. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using DDX39A antibody (TA375390) at dilution of 1:50. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using DDX39A antibody (TA375390) at dilution of 1:50. Blue: DAPI for nuclear staining.