

Product datasheet for **TA365739**

DDX39 (DDX39A) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: 293T cell lysate IHC: 50-200 Positive control: Human breast cancer Predicted cell location: Nucleus
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human DDX39A
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	49 kDa
Gene Name:	DEAD-box helicase 39A
Database Link:	Entrez Gene 10212 Human O00148



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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:

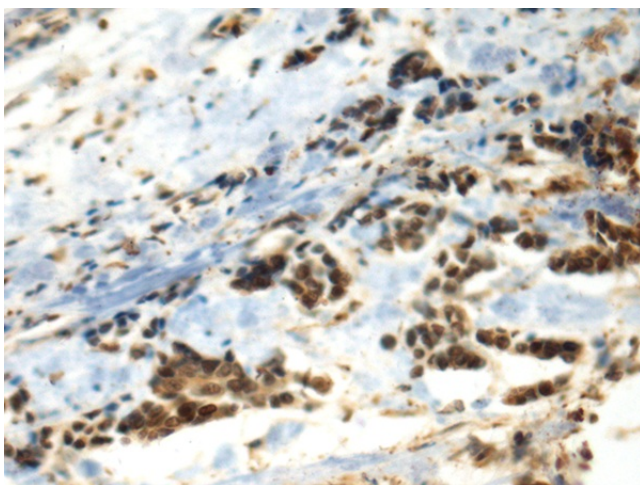
Ddx39; Ddxl

Product images:

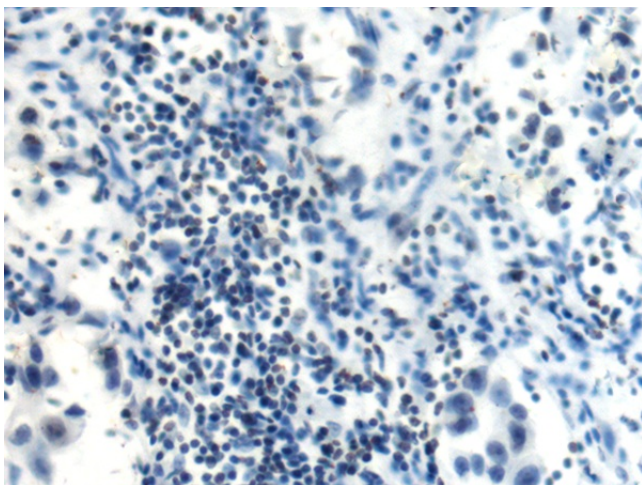
kDa
130 —
95 —
72 —
55 —
36 —
28 —



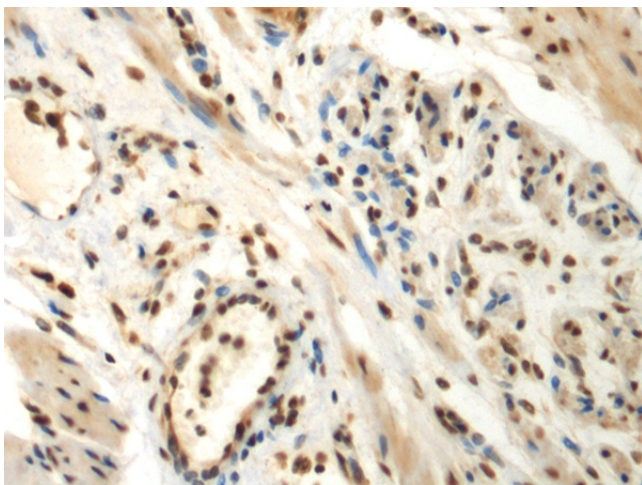
Gel: 8%SDS-PAGE
Lysate: 40 µg
Lane: 293T cell lysate
Primary antibody: TA365739 (DDX39A Antibody)
at dilution 1/1000
Secondary antibody: Goat anti rabbit IgG at
1/5000 dilution
Exposure time: 2 minutes



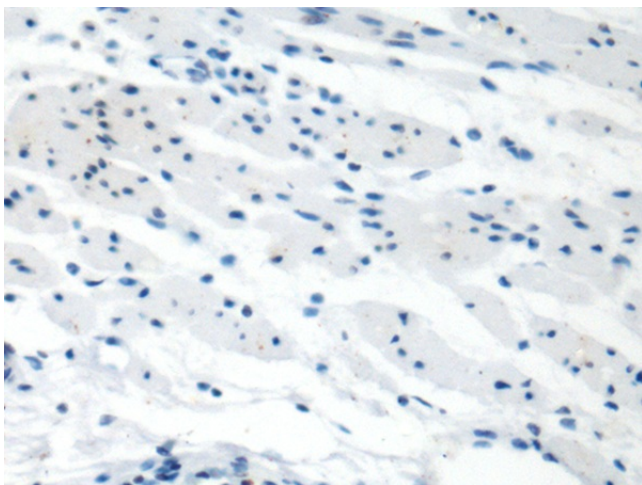
Immunohistochemistry of paraffin-embedded
Human breast cancer tissue using TA365739
(DDX39A Antibody) at dilution 1/70 (Original
magnification: ×200)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA365739 (DDX39A Antibody) at dilution 1/70, treated with fusion protein. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA365739 (DDX39A Antibody) at dilution 1/70 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA365739 (DDX39A Antibody) at dilution 1/70, treated with fusion protein. (Original magnification: $\times 200$)