

Datasheet for ABIN6139489
anti-DDX39 antibody (AA 178-427)[Go to Product page](#)

7 Images

Overview

Quantity:	100 µL
Target:	DDX39
Binding Specificity:	AA 178-427
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDX39 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 178-427 of human DDX39A (NP_005795.2).
Sequence:	LVRNRSFSLK NVKHFVLDEC DKMLEQLDMR RDVQEIFRLT PHEKQCMMFS ATLSKDIRPV CRKFMQDPME VFVDDTKLT LHGLQYYVK LKDSEKNRKL FDLLDVLEFN QVIFVKSVQ RCMALAQLLV EQNFPAIAIH RGMAQEERLS RYQQFKDFQR RILVATNLFGRGMDIERVNI VFNYDMPEDS DTYLHRVARA GRFGTKGLAI TFVSDENDAK ILNDVQDRFE VNVAELPEEI DISTYIEQSR
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

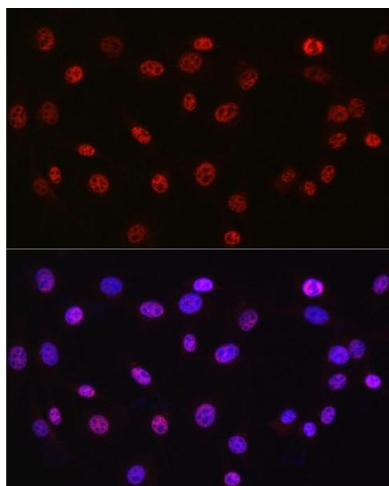
Target:	DDX39
Alternative Name:	DDX39A (DDX39 Products)
Background:	<p>This gene encodes a member of the DEAD box protein family. These proteins are characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD) and are putative RNA helicases. They are implicated in a number of cellular processes involving 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.,DDX39A,BAT1,BAT1L,DDX39,DDXL,URH49,Epigenetics & Nuclear Signaling,DDX39A</p>
Molecular Weight:	30 kDa/36 kDa/49 kDa
Gene ID:	10212
UniProt:	O00148

Application Details

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

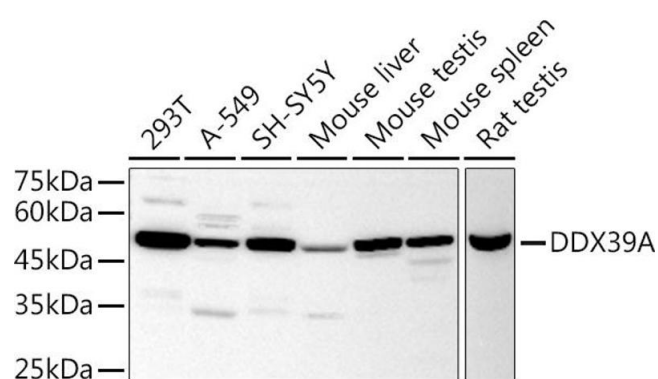
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,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.



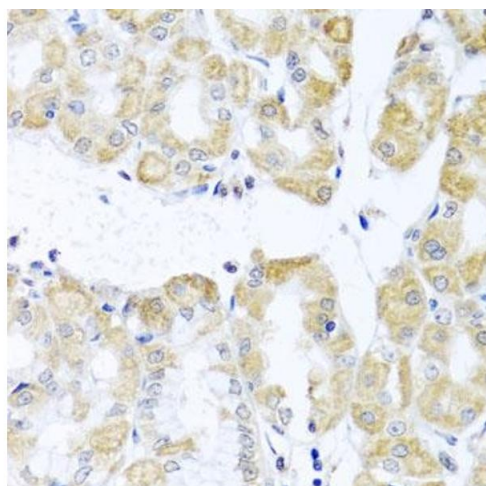
Immunofluorescence

Image 1. Immunofluorescence analysis of NIH/3T3 cells using DDX39A antibody (ABIN6131590, ABIN6139489, ABIN6139491 and ABIN6223963) at dilution of 1:50. Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using DDX39A antibody (ABIN6131590, ABIN6139489, ABIN6139491 and ABIN6223963) 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: 90s.



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human stomach using DDX39A antibody (ABIN6131590, ABIN6139489, ABIN6139491 and ABIN6223963) 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.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN6139489.