Datasheet for ABIN7258770

anti-DDX31 antibody

3 Images

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Overview

Quantity:	200 µL
Target:	DDX31
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDX31 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein of human DDX31 (NP_073616.6).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	DDX31
Alternative Name:	DDX31 (DDX31 Products)
Background:	DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), 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

Target Details

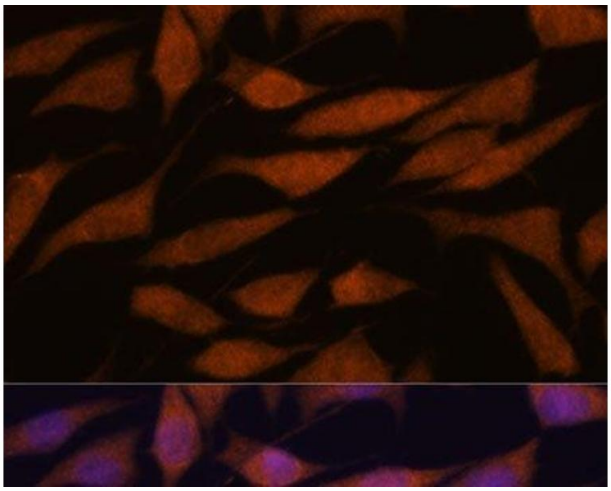
	this DEAD box protein family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a member of this family. The function of this member has not been determined. Alternative splicing of this gene generates multiple transcript variants encoding different isoforms.
Molecular Weight:	Observed_MW: 94 kDa Calculated_MW: 34 kDa/64 kDa/85 kDa/94 kDa
Gene ID:	64794
UniProt:	Q9H8H2

Application Details

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

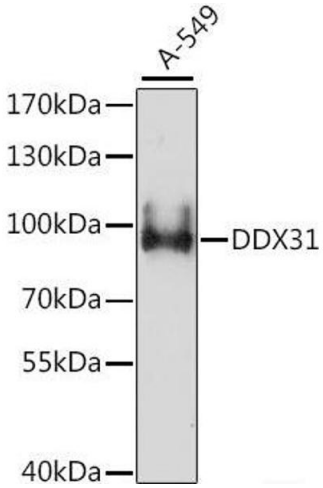
Handling

Format:	Liquid
Concentration:	1 mg/mL
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.



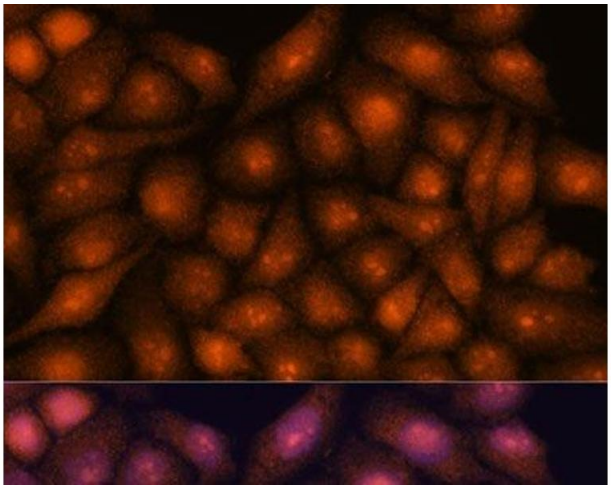
Immunofluorescence

Image 1. Immunofluorescence analysis of L929 cells using DDX31 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of A-549 cells using DDX31 Polyclonal Antibody at dilution of 1:1000.



Immunofluorescence

Image 3. Immunofluorescence analysis of HeLa cells using DDX31 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.