Datasheet for ABIN2856062

anti-DDX1 antibody (Internal Region)

4 Images

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Overview

Quantity:	100 µL
Target:	DDX1
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDX1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human DDX1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Chicken, Xenopus laevis, Zebrafish (Danio rerio), Cow (Bovine)
Cross-Reactivity (Details):	Chicken (93 %), Xenopus laevis (88 %), Zebrafish (89 %), Bovine (98 %), Xenopus tropicalis (90 %)
Characteristics:	Rabbit Polyclonal antibody to DDX1 (DEAD (Asp-Glu-Ala-Asp) box polypeptide 1) DDX1 antibody [N3C2], Internal
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	DDX1
Alternative Name:	DDX1 (DDX1 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 this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein of unknown function. It shows high transcription levels in 2 retinoblastoma cell lines and in tissues of neuroectodermal origin.
Molecular Weight:	82 kDa
Gene ID:	1653
Pathways:	Ribonucleoprotein Complex Subunit Organization

Application Details

Application Notes:	Suggested dilution Reference ICC/IF 1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceICC/IF1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections)1:100-1:1000* Western blot1:500-1:3000*
Comment:	Positive Control: A431 , H1299 , HeLa , HepG2
Restrictions:	For Research Use only

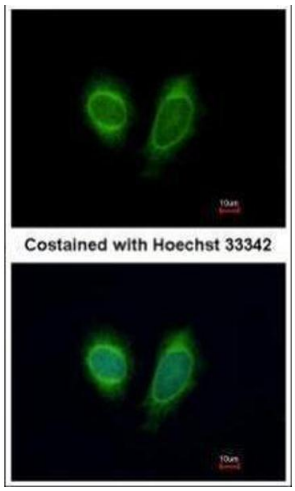
Handling

Format:	Liquid
Concentration:	0.76 mg/mL
Buffer:	0.1M Tris, 0.1M Glycine, 10 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

Handling

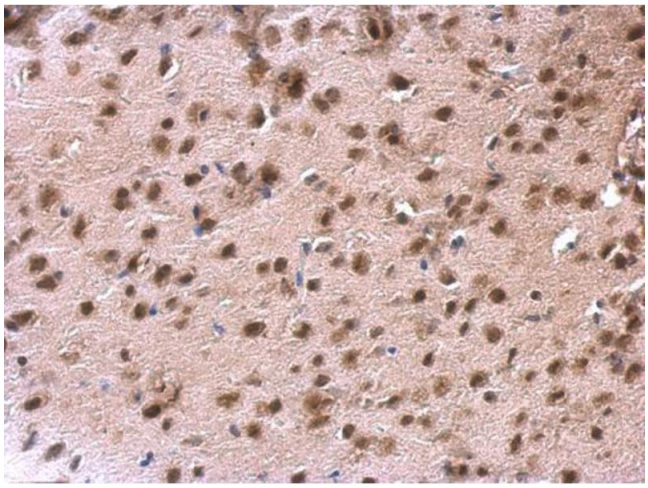
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Images



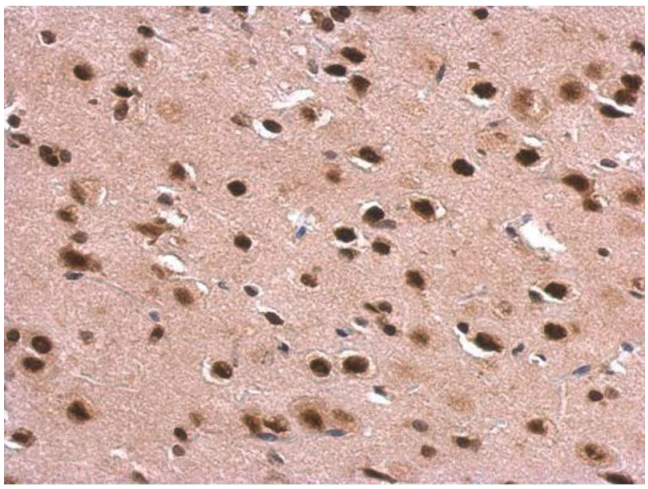
Immunofluorescence

Image 1. ICC/IF Image Immunofluorescence analysis of methanol-fixed HeLa, using DDX1, antibody at 1:200 dilution.



Immunohistochemistry

Image 2. IHC-P Image DDX1 antibody [N3C2], Internal detects DDX1 protein at nucleus on mouse fore brain by immunohistochemical analysis. Sample: Paraffin-embedded mouse fore brain. DDX1 antibody [N3C2], Internal , dilution: 1:500.



Immunohistochemistry

Image 3. IHC-P Image DDX1 antibody [N3C2], Internal detects DDX1 protein at nucleus on rat fore brain by immunohistochemical analysis. Sample: Paraffin-embedded rat fore brain. DDX1 antibody [N3C2], Internal , dilution: 1:500.

Please check the product details page for more images. Overall 4 images are available for ABIN2856062.