

Datasheet for ABIN2856239
anti-BAT1 antibody (Center)



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3 Images

Overview

Quantity:	100 µL
Target:	BAT1 (DDX39)
Binding Specificity:	Center
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BAT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human DDX39. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Monkey, Xenopus laevis, Zebrafish (Danio rerio), Cow (Bovine), Xenopus tropicalis
Cross-Reactivity (Details):	Monkey (100 %), Xenopus laevis (92 %), Zebrafish (92 %), Bovine (97 %), Xenopus tropicalis (92 %)
Characteristics:	Rabbit polyclonal antibody to DDX39 (DEAD (Asp-Glu-Ala-Asp) box polypeptide 39) DDX39 antibody [N1C3]
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	BAT1 (DDX39)
Alternative Name:	BAT1 (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.</p> <p>Cellular Localization: Nucleus</p>
Molecular Weight:	49 kDa
Gene ID:	10212
Pathways:	Ribonucleoprotein Complex Subunit Organization

Application Details

Application Notes:	<p>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*</p>
Comment:	Positive Control: 293T , A431 , H1299 , HeLaS3 , HepG2 , Molt-4 , Raji
Restrictions:	For Research Use only

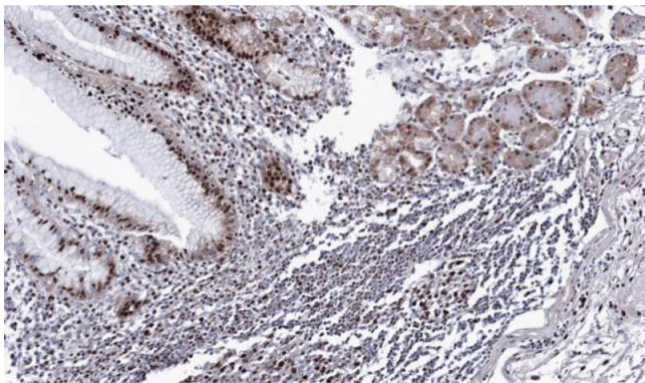
Handling

Format:	Liquid
Concentration:	0.96 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.

Handling

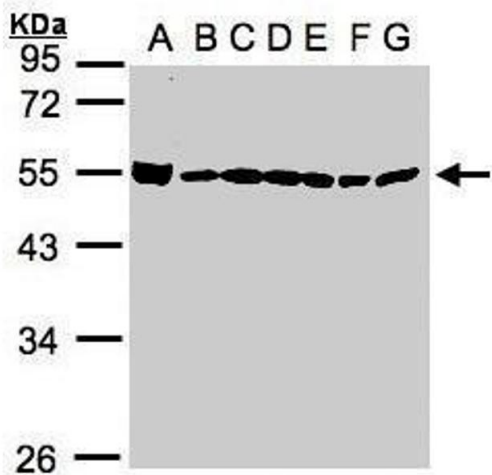
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Images



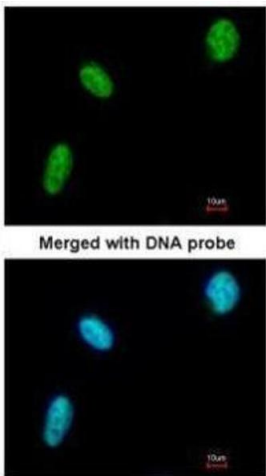
Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded human gastric cancer, using DDX39, antibody at 1:100 dilution.



Western Blotting

Image 2. WB Image Sample(30µg whole cell lysate) A: 293T B: A431 , C: H1299 D: HeLa S3 , E: Hep G2 , F: MOLT4 , G: Raji , 10% SDS PAGE antibody diluted at 1:1000



Immunofluorescence

Image 3. ICC/IF Image Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using DDX39, antibody at 1:200 dilution.