Datasheet for ABIN2856239

# anti-BAT1 antibody (Center)

3 Images

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## Overview

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|---|---|
| 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

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| 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

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

## Application Details

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| 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: 293T , A431 , H1299 , HeLaS3 , HepG2 , Molt-4 , Raji |
| Restrictions: | For Research Use only |

## Handling

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| 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

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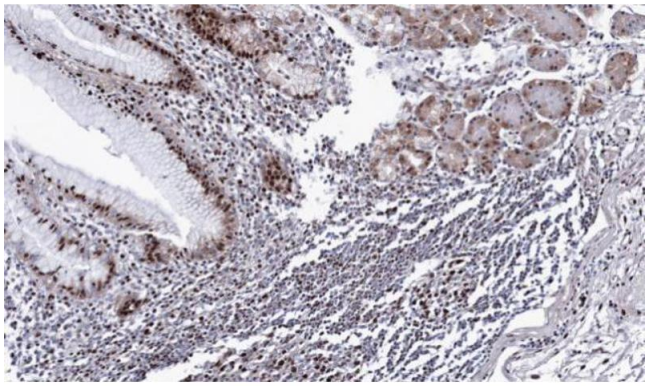
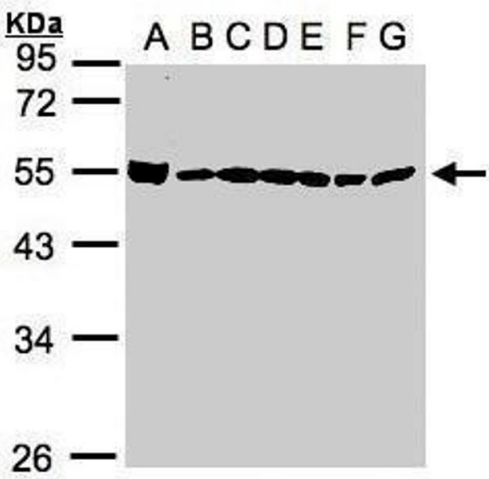
| Storage: | -20 °C |
| Storage Comment: | Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |

## Images



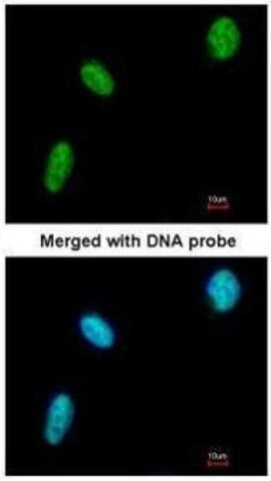
**Immunohistochemistry**

**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.