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Datasheet for ABIN2855057
anti-DDX39B antibody

7 Images

Overview

Quantity:	100 µL
Target:	DDX39B
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDX39B 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 BAT1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Rabbit polyclonal antibody to UAP56 (HLA-B associated transcript 1) UAP56 antibody [N1C2]
Purification:	Purified by antigen-affinity chromatography.
Grade:	KO Validated

Target Details

Target:	DDX39B
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Target Details

Alternative Name:	DEAD (Asp-Glu-Ala-Asp) box polypeptide 39B (DDX39B Products)
Background:	<p>This gene encodes a member of the DEAD box family of RNA-dependent ATPases that mediate ATP hydrolysis during pre-mRNA splicing. The encoded protein is an essential splicing factor required for association of U2 small nuclear ribonucleoprotein with pre-mRNA, and also plays an important role in mRNA export from the nucleus to the cytoplasm. A cluster of genes, BAT1-BAT5, is localized in the vicinity of the genes for TNF alpha and TNF beta. These genes are all within the human major histocompatibility complex class III region. Mutations in this gene may be associated with rheumatoid arthritis. Alternatively spliced transcript variants encoding the same protein have been described.</p> <p>Cellular Localization: Nucleus</p>
Molecular Weight:	49 kDa
Gene ID:	7919
Pathways:	Ribonucleoprotein Complex Subunit Organization

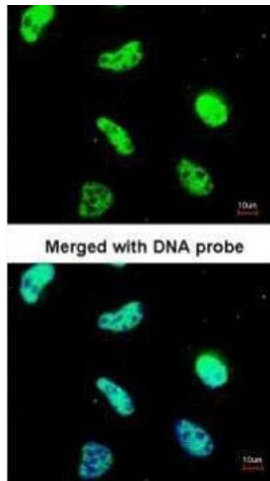
Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: 293T , A431 , HeLa , HepG2 Validation: KO/KD, Overexpression
Restrictions:	For Research Use only

Handling

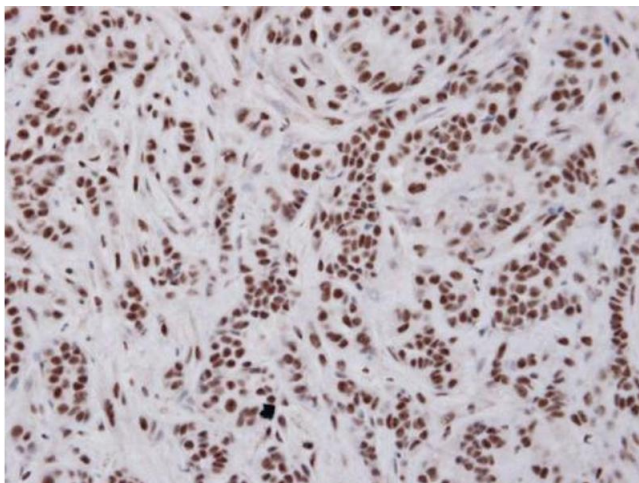
Format:	Liquid
Concentration:	0.43 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage

(1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



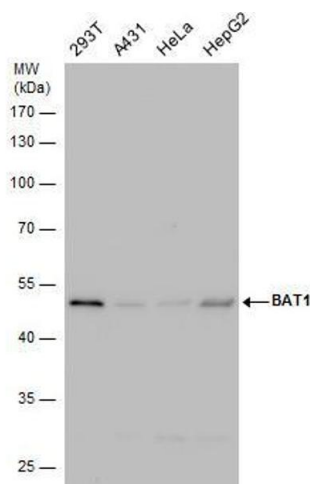
Immunofluorescence

Image 1. ICC/IF Image Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using UAP56, antibody at 1:200 dilution.



Immunohistochemistry

Image 2. IHC-P Image Immunohistochemical analysis of paraffin-embedded A549 xenograft, using UAP56, antibody at 1:100 dilution.



Western Blotting

Image 3. WB Image BAT1 antibody detects BAT1 protein by western blot analysis. Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with BAT1 antibody, diluted by 1:500.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN2855057.