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Datasheet for ABIN391668
anti-DDX5 antibody (C-Term)

2 Images

Overview

Quantity:	400 µL
Target:	DDX5
Binding Specificity:	AA 491-518, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This DDX5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 491-518 amino acids from the C-terminal region of human DDX5.
Clone:	RB17939
Isotype:	Ig Fraction
Predicted Reactivity:	Pr, M
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	DDX5
Alternative Name:	DDX5 (DDX5 Products)

Target Details

Background: DDX5 is putative RNA helicases. The protein is 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 protein is a RNA-dependent ATPase, and also a proliferation-associated nuclear antigen, specifically reacting with the simian virus 40 tumor antigen.

Molecular Weight: 69148

Gene ID: 1655

NCBI Accession: [NP_004387](#)

UniProt: [P17844](#)

Pathways: [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Regulation of Intracellular Steroid Hormone Receptor Signaling](#), [Nuclear Hormone Receptor Binding](#), [Regulation of Muscle Cell Differentiation](#), [Positive Regulation of Response to DNA Damage Stimulus](#)

Application Details

Application Notes: WB: 1:1000. IHC-P: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

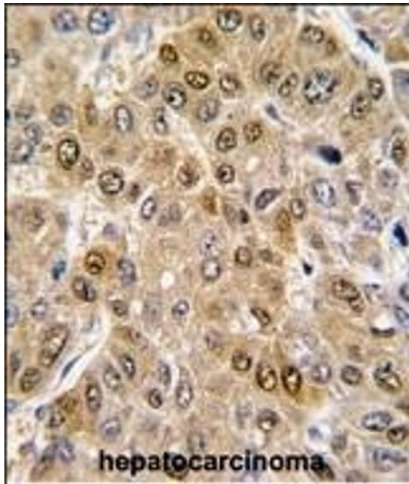
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

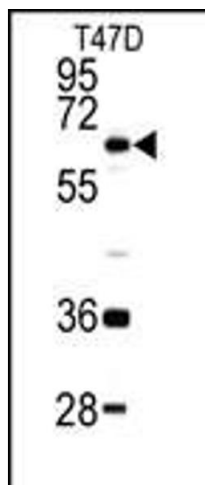
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with DDX5 antibody (C-term) (ABIN391668 and ABIN2841579), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of DDX5 antibody (C-term) (ABIN391668 and ABIN2841579) in T47D cell line lysates (35 µg/lane). DDX5 (arrow) was detected using the purified Pab.