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# Datasheet for ABIN391669 anti-DDX5 antibody (AA 306-334)

2 Images



### Overview

Quantity:	400 µL
Target:	DDX5
Binding Specificity:	AA 306-334
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDX5 antibody is un-conjugated
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 306-334 amino acids from the Central region of human DDX5.
Clone:	RB19600
lsotype:	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 Details

Target:

DDX5

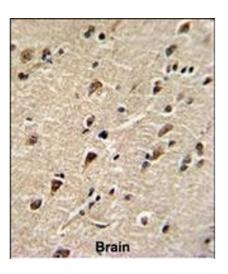
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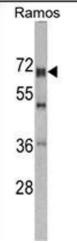
Target Details	
Alternative Name:	DDX5 (DDX5 Products)
Background:	DDX5 is putative RNA helicases. The protein is implicated in a number of cellular processes involving alteration of RNA secondary structure, such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome 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: 1:50~100
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

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### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin-fixed and paraffin-embedded human brain with DDX5 Antibody (Center), 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 (Center) (ABIN391669 and ABIN2841580) in Romas cell line lysates (35 µg/lane). DDX5 (arrow) was detected using the purified Pab.

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