

DDX5 monoclonal antibody, clone ADBC-4

Catalog # MAB22072 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot (cell lysate) analysis of HeLa cell lysate.

Specification	
Product Description	Rabbit monoclonal antibody raised against synthetic protein of human DDX5.
Immunogen	A synthetic peptide corresponding to human DDX5.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	This antibody reacts with human, mouse, rat DDX5, in native form and recombinant. Superfamily me mbers of DDX5 are not reactive to antibody.
Form	Liquid
Purification	Affinity purification
lsotype	lgG



Product Information

Recommend Usage	Flow Cytometry (1:50) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-200) Immunofluorescence (1:50-200) Immunoprecipitation (1:50-200) Immunoprecipitation (1:50) Western Blot (1:1000-5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

• Western Blot (Cell lysate)

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- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunocytochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytometry

Gene Info — DDX5

Entrez GenelD	<u>1655</u>
Protein Accession#	<u>P17844</u>
Gene Name	DDX5
Gene Alias	DKFZp434E109, DKFZp686J01190, G17P1, HLR1, HUMP68, p68
Gene Description	DEAD (Asp-Glu-Ala-Asp) box polypeptide 5

🖗 Abnova

Product Information

Omim ID	<u>180630</u>
Gene Ontology	<u>Hyperlink</u>
Gene Summary	DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), 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 ribosom e and spliceosome assembly. Based on their distribution patterns, some members of this family a re believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein, which is a RNA-dependent ATPase, and also a prolifera tion-associated nuclear antigen, specifically reacting with the simian virus 40 tumor antigen. This gene consists of 13 exons, and alternatively spliced transcripts containing several intron sequenc es have been detected, but no isoforms encoded by these transcripts have been identified. [provi ded by RefSeq
Other Designations	ATP-dependent RNA helicase DDX5 DEAD box-5 DEAD/H (Asp-Glu-Ala-Asp/His) box polypepti de 5 (RNA helicase, 68kD)

Disease

- Disease Progression
- Genetic Predisposition to Disease
- Hepatitis C
- Kidney Failure
- Liver Cirrhosis