

**DDX24 Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP17205c****Specification**

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**DDX24 Antibody (Center) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O9GZR7</a>
Other Accession	<a href="#">NP_065147.1</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	96332
Antigen Region	506-534

**DDX24 Antibody (Center) - Additional Information****Gene ID** 57062**Other Names**

ATP-dependent RNA helicase DDX24, DEAD box protein 24, DDX24

**Target/Specificity**

This DDX24 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 506-534 amino acids from the Central region of human DDX24.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

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

**Precautions**

DDX24 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**DDX24 Antibody (Center) - Protein Information****Name** DDX24**Function** ATP-dependent RNA helicase.

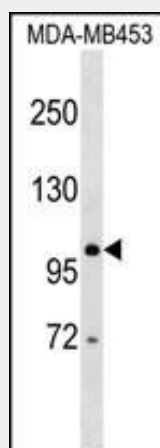
**Tissue Location**

Ubiquitous. Most abundant in heart and brain, but with lowest levels in thymus and small intestine

**DDX24 Antibody (Center) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**DDX24 Antibody (Center) - Images**

DDX24 Antibody (Center) (Cat. #AP17205c) western blot analysis in MDA-MB453 cell line lysates (35ug/lane). This demonstrates the DDX24 antibody detected the DDX24 protein (arrow).

**DDX24 Antibody (Center) - Background**

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 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 gene encodes a DEAD box protein, which shows little similarity to any of the other known human DEAD box proteins, but shows a high similarity to mouse Ddx24 at the amino acid level.

**DDX24 Antibody (Center) - References**

Davila, S., et al. Genes Immun. 11(3):232-238(2010)  
Ma, J., et al. Virology 375(1):253-264(2008)  
Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007)

Matsuoka, S., et al. Science 316(5828):1160-1166(2007)

Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :