

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

DDX24 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O9GZR7
Other Accession	NP_065147.1
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.

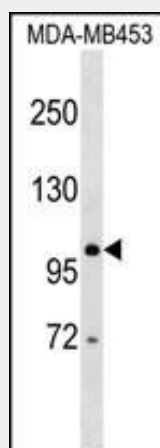
Tissue Location

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) :