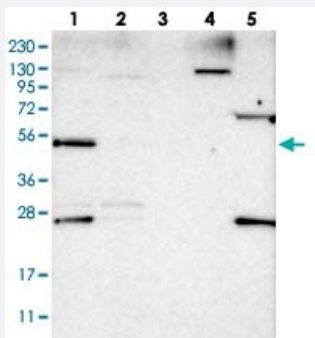


DDX25 polyclonal antibody

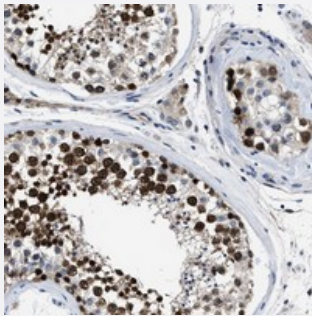
Catalog # PAB21279 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with DDX25 polyclonal antibody (Cat # PAB21279).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human testis with DDX25 polyclonal antibody (Cat # PAB21279) shows strong positivity in seminiferous duct cells.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant DDX25.
Immunogen	Recombinant protein corresponding to amino acids of human DDX25.
Sequence	NSHFSNLSQPRKNLWGIKSTAVRNIDGSINNINEDDEEDVVDLAANSLNKLHQSLVESSHRVEVLQKDPSSP
Host	Rabbit
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) Western Blot (1:250-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% 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 should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with DDX25 polyclonal antibody (Cat # PAB21279).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human testis with DDX25 polyclonal antibody (Cat # PAB21279) shows strong positivity in seminiferous duct cells.

Gene Info — DDX25

Entrez GeneID	29118
Protein Accession#	Q9UHL0
Gene Name	DDX25
Gene Alias	GRTH
Gene Description	DEAD (Asp-Glu-Ala-Asp) box polypeptide 25
Omim ID	607663
Gene Ontology	Hyperlink

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 ribosome and spliceosome assembly. Based on their distribution patterns, some members of the DEAD box protein family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a member of this family. The encoded protein is a gonadotropin-regulated and developmentally expressed testicular RNA helicase. It may serve to maintain testicular functions related to steroidogenesis and spermatogenesis. [provided by RefSeq]

Other Designations

DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 25|gonadotropin-regulated testicular RNA helicase

Disease

- [Ataxia telangiectasia](#)
- [Azoospermia](#)
- [Colorectal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Infertility](#)
- [Oligospermia](#)