

Product datasheet for **AP11352PU-N**

DDX4 (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1/1,000. Western blot: 1/1,000. Immunohistochemistry on Paraffin Sections: 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 554-583 amino acids from the C-terminal region of human DDX4.
Specificity:	This antibody is specific to DDX4 (C-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Purification:	Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	DEAD-box helicase 4
Database Link:	Entrez Gene 54514 Human Q9NQI0



[View online »](#)

Background:

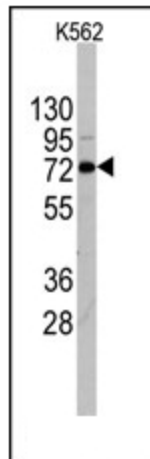
DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division.

Synonyms:

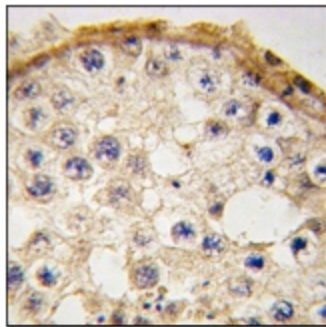
VASA homolog, DEAD box protein 4

Note:

Calculated MW: 79308 Da

Product images:

Western blot analysis of anti-DDX4 Antibody (C-term) in K562 cell line lysates (35ug/lane). DDX4 (arrow) was detected using the purified Pab (1:60 dilution).



Formalin-fixed and paraffin-embedded human testis tissue reacted with DDX4 antibody (C-term), 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.