

DDX4 Polyclonal Antibody

Catalog No.	A15624	Category	Polyclonal Antibodies
Applications	WB	Observed MW	79kDa
Cross-reactivity	Human, Mouse, Rat	Calculated MW	63kDa/75kDa/77kDa/79kDa

Immunogen Information

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human DDX4 (NP_077726.1).
Gene ID	54514
Swiss prot	Q9NQI0
Synonyms	DDX4; VASA; DEAD-box helicase 4

Product information

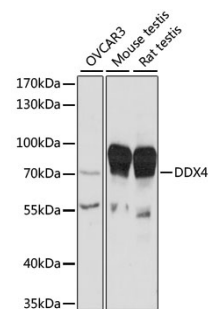
Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

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 is a homolog of VASA proteins in *Drosophila* and several other species. The gene is specifically expressed in the germ cell lineage in both sexes and functions in germ cell development. Multiple transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB 1:200 -
1:2000



Western blot - DDX4 Polyclonal Antibody (A15624)