

# DDX4 Rabbit pAb

Catalog No.: A4787

## Basic Information

**Observed MW**

79kDa

**Calculated MW**

79kDa

**Category**

Primary antibody

**Applications**

WB

**Cross-Reactivity**

Human, Mouse

## 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

## Immunogen Information

**Gene ID**

54514

**Swiss Prot**

Q9NQI0

**Immunogen**

A synthetic peptide of human DDX4

**Synonyms**

VASA; DDX4

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

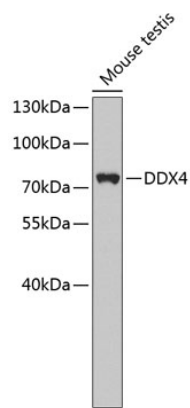
Affinity purification

**Storage**

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, pH 7.3.

# Validation Data



Western blot analysis of extracts of mouse testis, using DDX4 antibody (A4787).  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.