

Datasheet for ABIN1538935  
**anti-DDX4 antibody (N-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	400 µL
Target:	DDX4
Binding Specificity:	AA 103-131, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This DDX4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 103-131 amino acids from the N-terminal region of human DDX4.
Clone:	RB36403
Isotype:	Ig Fraction
Predicted Reactivity:	Pr
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	DDX4
Alternative Name:	DDX4 ( <a href="#">DDX4 Products</a> )
Background:	DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative

## Target Details

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.

Molecular Weight: 79308

Gene ID: 54514

NCBI Accession: [NP\\_001136021](#), [NP\\_001160005](#), [NP\\_001160006](#), [NP\\_077726](#)

UniProt: [Q9NQI0](#)

## Application Details

Application Notes: WB: 1:1000. WB: 1:1000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

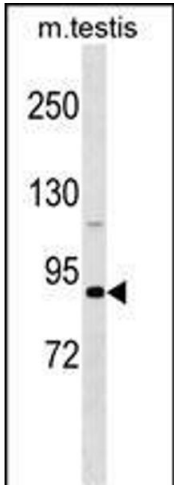
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

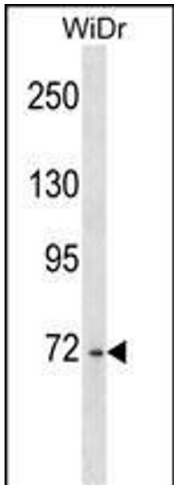
Storage Comment: DDX4 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



#### Western Blotting

**Image 1.** DDX4 Antibody (N-term) (ABIN1538935 and ABIN2848921) western blot analysis in mouse testis tissue lysates (35 µg/lane). This demonstrates the DDX4 antibody detected the DDX4 protein (arrow).



#### Western Blotting

**Image 2.** DDX4 Antibody (N-term) (ABIN1538935 and ABIN2848921) western blot analysis in WiDr cell line lysates (35 µg/lane). This demonstrates the DDX4 antibody detected the DDX4 protein (arrow).