

Datasheet for ABIN2461348

anti-DDX25 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	DDX25
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDX25 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human DDX25.
Purification:	Antibody is purified by peptide affinity chromatography method.

Target Details

Target:	DDX25
Alternative Name:	DDX25 (DDX25 Products)
Background:	DDX25 is a member of DEAD box proteins family. 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

Target Details

are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. DDX25 is a gonadotropin-regulated and developmentally expressed testicular RNA helicase. It may serve to maintain testicular functions related to steroidogenesis and spermatogenesis. 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.

Molecular Weight:	41 kDa
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Gene ID:	29118
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NCBI Accession:	NP_037396
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Application Details

Application Notes:	DDX25 antibody can be used for detection of DDX25 by ELISA at 1:312500. DDX25 antibody can be used for detection of DDX25 by western blot at 0.5 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Reconstitution:	Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.
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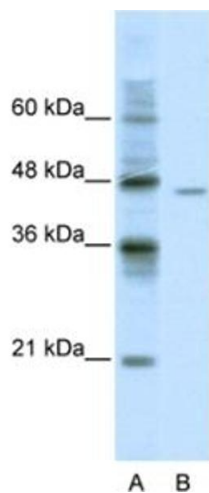
Concentration:	1 mg/mL
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Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.
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Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.
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Storage:	4 °C/-20 °C
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Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store DDX25 antibody at -20 °C.
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Western Blotting

Image 1.