

Datasheet for ABIN2461362

anti-DDX54 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	DDX54
Reactivity:	Human, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDX54 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 DDX54.
Purification:	Antibody is purified by peptide affinity chromatography method.

Target Details

Target:	DDX54
Alternative Name:	DDX54 (DDX54 Products)
Background:	DDX54 is a member of the DEAD box protein 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 this family are believed to be

Target Details

involved in embryogenesis, spermatogenesis, and cellular growth and division. The protein interacts in a hormone-dependent manner with nuclear receptors and represses their transcriptional activity. This gene encodes a member of the DEAD box protein 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 this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. The protein encoded by this gene interacts in a hormone-dependent manner with nuclear receptors and represses their transcriptional activity.

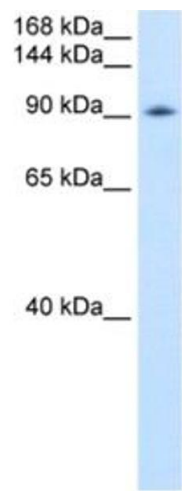
Molecular Weight:	97 kDa
Gene ID:	79039
NCBI Accession:	NP_076977
UniProt:	Q8TDD1
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway

Application Details

Application Notes:	DDX54 antibody can be used for detection of DDX54 by ELISA at 1:312500. DDX54 antibody can be used for detection of DDX54 by western blot at 0.25 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.
Concentration:	1 mg/mL
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store DDX54 antibody at -20 °C.



Western Blotting

Image 1.