

Datasheet for ABIN2775258
anti-DDX54 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	DDX54
Binding Specificity:	C-Term
Reactivity:	Human, Dog, Cow, Horse, Mouse, Rat, Guinea Pig, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDX54 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human DDX54
Sequence:	GPNRGAKRRR EEARQRDQEF YIPYRPKDFD SERGLSISGE GGAFEQQAAG
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 85%, Horse: 93%, Human: 100%, Mouse: 93%, Rabbit: 92%, Rat: 93%, Zebrafish: 92%
Characteristics:	This is a rabbit polyclonal antibody against DDX54. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	DDX54
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Target Details

Alternative Name:	DDX54 (DDX54 Products)
Background:	<p>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 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.</p> <p>Alias Symbols: DP97, MGC2835</p> <p>Protein Interaction Partner: VCP, UBC, SRPK3, HIPK1, SEMA4A, TMED9, WHSC1, POLR2G, CSNK2A1, ESR1, APP, SIRT7, Nedd4, NEDD4L, PGR, ESR2, NR3C1, OTUB1,</p> <p>Protein Size: 881</p>
Molecular Weight:	97 kDa
Gene ID:	79039
NCBI Accession:	NM_024072 , NP_076977
UniProt:	Q8TDD1
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway

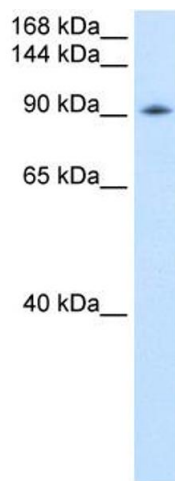
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 881 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-DDX54 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Transfected 293T