

Datasheet for ABIN2775261
anti-DHX37 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	DHX37
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Pig, Rabbit, Rat, Dog, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DHX37 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human DHX37
Sequence:	PLTKKEKKVL QKILEQKEKK SQRAEMLQKL SEVQASEAEM RLFYTTSKLG
Predicted Reactivity:	Dog: 93%, Horse: 93%, Human: 100%, Mouse: 93%, Pig: 79%, Rabbit: 79%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against DHX37. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	DHX37
Alternative Name:	DHX37 (DHX37 Products)

Target Details

Background:	<p>DXH37 is a DEAD box protein. 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. 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.</p> <p>Alias Symbols: DDX37, FLJ41974, KIAA1517, MGC2695, MGC4322, MGC46245</p> <p>Protein Interaction Partner: RGS17, TRIP6, KRT31, UBC, WHSC1, ATXN1, POLR1C, NAT10, SIRT7, TERF2, PLXNA2, DDX56,</p> <p>Protein Size: 1157</p>
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Molecular Weight:	129 kDa
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Gene ID:	57647
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NCBI Accession:	NM_032656 , NP_116045
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UniProt:	Q8IY37
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Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
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Comment:	Antigen size: 1157 AA
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	Lot specific
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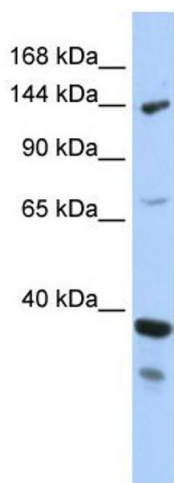
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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Preservative:	Sodium azide
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Handling

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-DHX37 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:12500 Positive Control: MCF7 cell lysate