Datasheet for ABIN2775201

anti-DDX1 antibody (N-Term)

1 Image

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Overview

Quantity:	100 µL
Target:	DDX1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Rabbit, Horse, Cow, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDX1 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 DDX1
Sequence:	ILGGGDVLMA AETGSGKTGA FSIPVIQIVY ETLKDQQEGK KGKTTIKTGA
Predicted Reactivity:	Cow: 93%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against DDX1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	DDX1

Target Details

Alternative Name:	DDX1 (DDX1 Products)
Background:	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. DDX1 is a DEAD box protein of unknown function. It shows high transcription levels in 2 retinoblastoma cell lines and in tissues of neuroectodermal origin.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 of unknown function. It shows high transcription levels in 2 retinoblastoma cell lines and in tissues of neuroectodermal origin. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. Alias Symbols: DBP-RB, UKVH5d Protein Interaction Partner: HUWE1, FUS, SUMO2, SUMO3, STAU1, UBC, SUMO1, NEDD8, Fbxl16, WWOX, ZBTB1, RPA3, RPA2, RPA1, rev, C14orf166, RTCB, RPL26L1, EIF3K, NELFB, EDC4, IGF2BP3, PDCD6, ABCF1, EIF2B2, EIF2B3, YBX3, RPL27, RFC4, RFC2, QARS, YBX1, NMT1, HNRNPM, MRE11A, KRT18, ILF2, HN Protein Size: 740
Molecular Weight:	82 kDa
Gene ID:	1653
NCBI Accession:	NM_004939, NP_004930
UniProt:	Q92499
Pathways:	Ribonucleoprotein Complex Subunit Organization

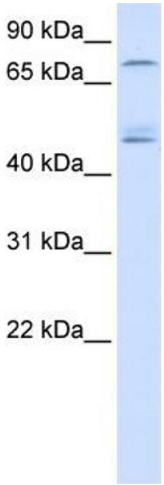
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 740 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-DDX1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Human Muscle