

Rabbit DDX1 Polyclonal Antibody | anti-DDX1 antibody

DDX1 antibody - middle region

CATALOG # AAA198071	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

DDX1; Polyclonal Antibody; DDX1 antibody - middle region; anti-DDX1 antibody

PRODUCT SPECIFICATIONS

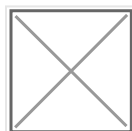
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: KG EDSVPDTVHH VVVPVNPSTD RLWERLGKSH IRTDDVHAKD NTRPGANS
Sequence Length	740
Applicable Applications for anti-DDX1 antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 100%; Guinea Pig: 100%; Horse: 92%; Human: 100%; Mouse: 100%; Rabbit: 92%; Rat: 100%; Zebrafish: 85%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human DDX1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

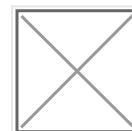
IMAGES


WB (Western Blot)

WB Suggested Anti-DDX1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:156250
Positive Control: Human Muscle

WB (Western Blot)

Host: Rabbit
Target Name: DDX1
Sample Type: Human Fetal Lung
Antibody Dilution: 1.0ug/ml

WB (Western Blot)

Host: Rabbit
Target Name: DDX1
Sample Type: Human Fetal Brain
Antibody Dilution: 1.0ug/ml

WB (Western Blot)

DDX1 antibody - middle region validated by WB using Hek 293 Whole Cell Lysate at 1:4,000.
DDX1 is supported by BioGPS gene expression data to be expressed in HEK293

ADDITIONAL INFORMATION

Related Product Information for anti-DDX1 antibody	This is a rabbit polyclonal antibody against DDX1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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.
Product Categories/Family for anti-DDX1 antibody	Polyclonal ; RNA Binding Proteins ; Transcription Regulation ; Chromatin & Nuclear Signaling ; Developmental Biology ; Disease Related ; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826686
NCBI GeneID	1653
NCBI Accession #	NP_004930
NCBI GenBank Nucleotide #	NM_004939
UniProt Accession #	Q92499
Molecular Weight	81kDa
NCBI Official Full Name	ATP-dependent RNA helicase DDX1
NCBI Official Synonym Full Names	DEAD-box helicase 1
NCBI Official Symbol	DDX1
NCBI Official Synonym Symbols	DBP-RB; UKVH5d
NCBI Protein Information	ATP-dependent RNA helicase DDX1
UniProt Protein Name	ATP-dependent RNA helicase DDX1
UniProt Gene Name	DDX1
UniProt Synonym Gene Names	DBP-RB
UniProt Entry Name	DDX1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.