

Rabbit DDX1 Polyclonal Antibody | anti-DDX1 antibody

Anti-DDX1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA19204	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence, Flow Cytometry, Functional Assay, ELISA

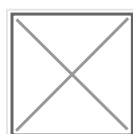
PRODUCT SYNONYMS

DDX1; Polyclonal Antibody; Anti-DDX1 Antibody; ATP-dependent RNA helicase DDX1; DEAD box protein 1; DEAD box protein retinoblastoma; DBP-RB; anti-DDX1 antibody

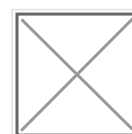
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	740
Applicable Applications for anti-DDX1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry), ELISA (Direct ELISA)
Application Notes	WB: 0.1-0.25ug/ml (Human, Mouse, Rat) IHC-P (Embedded Section): 0.5-1ug/ml (Mouse, Rat) ICC: 2ug/ml (Human) IF: 2ug/ml (Human) FC/FACS: 1-3ug/1x10 ⁶ cells (Human) Direct ELISA: 0.1-0.5ug/ml (Human) Tested Species: In-house tested species with positive results. By Heat: Boiling the paraffin sections in 10mM citrate buffer, pH6.0, for 20mins is required for the staining of formalin/paraffin sections.
Immunogen	E Coli-derived human DDX1 recombinant protein (Position: K562-F740).
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen store at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



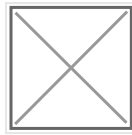
WB (Western Blot)



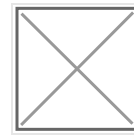
WB (Western Blot)



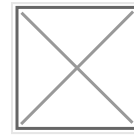
IHC (Immunohistochemistry)



IHC (Immunohistochemistry)



IHC (Immunohistochemistry)



IHC (Immunohistochemistry)

ADDITIONAL INFORMATION

Related Product Information for anti-DDX1 antibody	<p>Description: Rabbit IgG polyclonal antibody for DDX1 detection. Tested with WB, IHC-P, ICC/IF, FCM, Direct ELISA in Human; Mouse; Rat.</p> <p>Background: ATP-dependent RNA helicase DDX1 is an enzyme that in humans is encoded by the DDX1 gene. It is mapped to 2p24.3. 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.</p>
References	<ol style="list-style-type: none">1. Chen HC, Lin WC, Tsay YG, Lee SC, Chang CJ (October 2002). "An RNA helicase, DDX1, interacting with poly(A) RNA and heterogeneous nuclear ribonucleoprotein K". The Journal of Biological Chemistry. 277 (43): 40403-9.2. Cho WJ, Yoon WJ, Moon CH, Cha SJ, Song H, Cho HR, Jang SJ, Chung DK, Jeong CS, Park JW (November 2002). "Molecular cloning of a novel chaperone-like protein induced by rhabdovirus infection with sequence similarity to the bacterial extracellular solute-binding protein family 5". The Journal of Biological Chemistry. 277 (44): 41489-96.3. Li L, Li HS, Pauza CD, Bukrinsky M, Zhao RY (2006). "Roles of HIV-1 auxiliary proteins in viral pathogenesis and host-pathogen interactions". Cell Research. 15 (11-12): 923-34.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826686
NCBI GeneID	1653
NCBI Accession #	NP_004930
NCBI GenBank Nucleotide #	NP_004930.1
UniProt Accession #	Q92499
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ddx1-antibody-western-blot-immunohistochemistry-immunocytochemistry-immunofluorescence-flow-cytometry-direct-elisa-elisa/19204>