

Rabbit DDX21 Polyclonal Antibody | anti-DDX21 antibody

DDX21 antibody - N-terminal region

CATALOG # AAA198070	HOST Rabbit	REACTIVITY Horse, Human, Rat, Yeast	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

DDX21; Polyclonal Antibody; DDX21 antibody - N-terminal region; anti-DDX21 antibody

PRODUCT SPECIFICATIONS

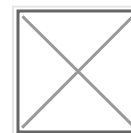
Host	Rabbit
Reactivity	Horse, Human, Rat, Yeast
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: MP GKLRSDAGLE SDTAMKKGET LRKQTEEKEK KEKPKSDKTE EIAEEEEET
Sequence Length	783
Applicable Applications for anti-DDX21 antibody	WB (Western Blot)
Homology	Horse: 79%; Human: 100%; Rat: 91%; Yeast: 83%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human DDX21
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-DDX21 Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:12500
 Positive Control: HepG2 cell lysate
 DDX21 is supported by BioGPS gene expression data to be expressed in HepG2



IHC (Immunohistochemistry)

Rabbit Anti-DDX21 antibody
 Paraffin Embedded Tissue: Human Lung cell
 Cellular Data: cilia of renal tubule
 Antibody Concentration: 4.0-8.0 ug/ml
 Magnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-DDX21 antibody	This is a rabbit polyclonal antibody against DDX21. 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. This gene encodes a DEAD box protein, which is an antigen recognized by autoimmune antibodies from a patient with watermelon stomach disease. This protein unwinds double-stranded RNA, folds single-stranded RNA, and may play important roles in ribosomal RNA biogenesis, RNA editing, RNA transport, and general transcription.
Product Categories/Family for anti-DDX21 antibody	Polyclonal; Chromatin & Nuclear Signaling; Developmental Biology; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	50659095
NCBI GeneID	9188
NCBI Accession #	NP_004719
NCBI GenBank Nucleotide #	NM_004728
UniProt Accession #	Q9NR30
Molecular Weight	86kDa
NCBI Official Full Name	nucleolar RNA helicase 2 isoform 1
NCBI Official Synonym Full Names	DExD-box helicase 21
NCBI Official Symbol	DDX21
NCBI Official Synonym Symbols	GUA; GURDB; RH-II/GU; RH-II/GuA
NCBI Protein Information	nucleolar RNA helicase 2
UniProt Protein Name	Nucleolar RNA helicase 2
UniProt Gene Name	DDX21
UniProt Entry Name	DDX21_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.