Datasheet for ABIN7266690

anti-DDX21 antibody (AA 1-180)

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Overview

Quantity:	100 µL
Target:	DDX21
Binding Specificity:	AA 1-180
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDX21 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Purpose:	DDX21 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-180 of human DDX21 (NP_004719.2).
Sequence:	MPGKLRSDAG LESDTAMKKG ETLRKQTEEK EKKEKPKSDK TEEIAEEEET VFPKAKQVKK KAEPSEVDMN SPKSKKAKKK EEPSQNDISP KTKSLRKKKE PIEKKVVSSK TKKVTKNEEP SEEEIDAPKP KKMKKEKEMN GETREKSPKL KNGFPHPEPD CNPSEAASEE SNSEIEQEIP
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	DDX21
Alternative Name:	DDX21 (DDX21 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. 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.,DDX21,GUA,GURDB,RH-II/GU,RH-II/GuA,Epigenetics & Nuclear Signaling,RNA Binding,DDX21
Molecular Weight:	79kDa/87kDa
Gene ID:	9188
UniProt:	Q9NR30
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	IHC,1:50 - 1:200,IF,1:50 - 1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.