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# Datasheet for ABIN7450161 anti-DDX21 antibody (C-Term)



Overview

Quantity:	20 µg
Target:	DDX21
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDX21 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

#### Product Details

Purpose:	Rabbit anti-DDX21 Antibody, Affinity Purified
Immunogen:	between AA 725 and C-term
Isotype:	lgG
Predicted Reactivity:	Rat
Purification:	Affinity Purified

## Target Details

Target:	DDX21
Alternative Name:	DDX21 (DDX21 Products)
Background:	Background: DDX21 is a member of the DEAD box family of proteins that possesses several

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## Target Details

conserved motifs which include the highly conserved DEAD (Asp-Glu-Ala-Asp) amino acid
sequence motif. The major activity of DEAD box proteins is to function as ATP-dependent RNA
helicases. As helicases, DEAD proteins play an important role in all aspects of RNA metabolism
and function which include pre-mRNA splicing, RNA synthesis, RNA degradation, RNA export,
RNA translation, RNA secondary structure formation, ribosome biogenesis, and the assembly
of RNP complexes. Some members of the DEAD box proteins also exhibit functions involved in
transcriptional regulation. DDX21 has been shown to be required for the processing of 20S
rRNA to 18S and has also been shown to be important for c-Jun transcriptional activation.

Gene ID:	9188
NCBI Accession:	NP_004719
UniProt:	Q9NR30
Pathways:	SARS-CoV-2 Protein Interactome

#### Application Details

Application Notes:	IP: 2 - 10 µg/mg lysate
	WB: 1:2,000 - 1:10,000
Restrictions:	For Research Use only
Handling	
Concentration:	200 µg/mL
Buffer:	Tris-buffered Saline containing 0.1 % BSA and 0.09 % Sodium Azide
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:	4 °C
Expiry Date:	12 months

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