

Datasheet for ABIN6991862  
**anti-DDX41 antibody (N-Term)**



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## Overview

Quantity:	0.1 mg
Target:	DDX41
Binding Specificity:	AA 230-280, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDX41 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	DDX41 antibody was raised against a 17 amino acid peptide near the amino terminus of human DDX41. The immunogen is located within amino acids 230 - 280 of DDX41.
Isotype:	IgG
Specificity:	At least two isoforms of DDX41 are known to exist, this antibody will detect both isoforms.
Purification:	DDX41 Antibody is affinity chromatography purified via peptide column.

## Target Details

Target:	DDX41
Alternative Name:	DDX41 ( <a href="#">DDX41 Products</a> )

## Target Details

Background:	DDX41 Antibody: DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp, are putative RNA helicases implicated in several cellular processes involving modifications of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. DDX41, also known as Abstrakt, interacts with and regulates the expression of sorting nexin-2 (SNX2), a protein involved in protein sorting in the trans-Golgi network. Recent evidence suggests that DDX41 also plays a role in the innate immune response by sensing intracellular viral DNA, triggering TBK1 and IRF3 activation, leading to a type I interferon immune response.
Molecular Weight:	Predicted: 68 kDa Observed: 70 kDa
Gene ID:	51428
NCBI Accession:	<a href="#">NP_057306</a>
UniProt:	<a href="#">Q9UJV9</a>

## Application Details

Application Notes:	DDX41 antibody can be used for detection of DDX41 by Western blot at 1 - 2 µg/mL.  Antibody validated: Western Blot in rat samples, Immunohistochemistry in rat samples and Immunofluorescence in rat samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	DDX41 Antibody is supplied in PBS containing 0.02 % 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:	-20 °C, 4 °C
Storage Comment:	DDX41 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.