



Rabbit Anti-DDX26/DICE1 antibody

SL14222R

Product Name:	DDX26/DICE1
Chinese Name:	癌基因删去蛋白DICE1抗体
Alias:	DBI 1; DBI-1; DBI1; DDX26; DDX26A; DEAD box protein; DEAD/H (Asp Glu Ala Asp/His) box polypeptide 26; Deleted in cancer 1; DICE1; DKFZp434B105; HDB; Int6; INT6_HUMAN; Integrator complex subunit 6; INTS 6; INTS6; Notch12; OTTHUMP00000018439; OTTHUMP00000215034; OTTHUMP00000215036; Protein DDX26; Protein deleted in cancer 1; RNA helicase HDB.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	100kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human DDX26/DICE1:1-100/887
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. The protein encoded by this gene is a DEAD box protein that is part of a complex that interacts with the C-terminus of RNA polymerase II and is

involved in 3' end processing of snRNAs. In addition, this gene is a candidate tumor suppressor and located in the critical region of loss of heterozygosity (LOH). Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Function:

Component of the Integrator complex, a complex involved in the small nuclear RNAs (snRNA) U1 and U2 transcription and in their 3'-box-dependent processing. The Integrator complex is associated with the C-terminal domain (CTD) of RNA polymerase II largest subunit (POLR2A) and is recruited to the U1 and U2 snRNAs genes. May have a tumor suppressor role; an ectopic expression suppressing tumor cell growth.

Subcellular Location:

Nucleus.

Tissue Specificity:

Widely expressed. Expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas.

Similarity:

Belongs to the Integrator subunit 6 family.
Contains 1 VWFA domain.

SWISS:

Q9UL03

Gene ID:

26512

Database links:

[Entrez Gene: 26512](#) Human

[Omim: 604331](#) Human

[SwissProt: Q9UL03](#) Human

[Unigene: 439440](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.