



INT6 Polyclonal Antibody

Catalog No	YP-Ab-06589
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	INTS6 DBI1 DDX26 DDX26A
Immunogen	Synthesized peptide derived from human protein . at AA range: 550-630
Specificity	INT6 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Viral integration site protein INT-6 homolog;INT6;EIF3S6;eIF-3 p48;INTS6 DBI1 DDX26 DDX26A;Integrator complex subunit 6 (Int6) (DBI-1) (Protein DDX26) (Protein deleted in cancer 1) (DICE1)
Observed Band	48-52 kDa
Calculated Molecular Weight	445 aa, 52 kDa
Cell Pathway	Nucleus .
Tissue Specificity	Widely expressed. Expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas.
Function	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.,induction:Frequently down-regulated in nonsmall cell lung carcinomas and prostate cancers. Down-regulation in prostate cancer is due to CpG hypermethylation of its promoter. However, some involvement in cancer is unclear.,sequence caution:Contaminating sequence. Potential poly-A sequence.,similarity:Belongs to the Integrator subunit 6 family.,

similarity:Contains 1 VWFA domain.,subunit:Belongs to the multiprotein complex Integrator, at least composed of INTS1, INTS2, INTS3, INTS4,

Background

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 is located in the critical region of loss of heterozygosity (LOH). Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2015]

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images