



DDX23 mouse mAb

Catalog No	YP-mAb-18149
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	DDX23
Immunogen	Synthesized peptide derived from human DDX23
Specificity	This antibody detects endogenous levels of DDX23 at Human
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	DDX23;DEAD box protein 23;prp28;PRP28 homolog;PRPF28;U5 100K;U5 100KD;Probable ATP-dependent RNA helicase DDX23 (EC 3.6.4.13) (100 kDa U5 snRNP-specific protein) (DEAD box protein 23) (PRP28 homolog) (U5-100kD)
Observed Band	96-100 kDa
Calculated Molecular Weight	96 kDa
Cell Pathway	Nucleus . Chromosome . During transcription, accumulates at chromatin loci where unscheduled R-loops form and colocalizes with paused 'Ser-5'-phosphorylated POLR2A/RNA polymerase II and kinase SRPK2. .
Tissue Specificity	
Function	Involved in pre-mRNA splicing and its phosphorylated form (by SRPK2) is required for spliceosomal B complex formation . Independently of its spliceosome formation function, required for the suppression of incorrect R-loops formed during transcription; R-loops are composed of a DNA:RNA hybrid and the associated non-template single-stranded DNA .
Background	

**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