



DDX6 mouse mAb

Catalog No	YP-mAb-17951
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	DDX6 HLR2 RCK
Immunogen	Synthesized peptide derived from human DDX6
Specificity	This antibody detects endogenous levels of DDX6 at Human, Mouse
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	ATP-dependent RNA helicase p54;EC:3.6.4.13;HLR2;P54;Probable ATP-dependent RNA helicase DDX6;DDX6;DDX6 HLR2 RCK;Probable ATP-dependent RNA helicase DDX6 (EC 3.6.4.13) (ATP-dependent RNA helicase p54) (DEAD box protein 6) (Oncogene RCK)
Observed Band	54 kDa
Calculated Molecular Weight	54 kDa
Cell Pathway	Cytoplasm, P-body . Cytoplasm . Nucleus . Imported in the nucleus via interaction with EIF4ENIF1/4E-T via a piggy-back mechanism (PubMed:28216671). Upon cellular stress, relocates to stress granules (PubMed:26184334). .
Tissue Specificity	Abundantly expressed in most tissues.
Function	Essential for the formation of P-bodies, cytosolic membrane-less ribonucleoprotein granules involved in RNA metabolism through the coordinated storage of mRNAs encoding regulatory functions . Plays a role in P-bodies to coordinate the storage of translationally inactive mRNAs in the cytoplasm and prevent their degradation . In the process of mRNA degradation, plays a role in mRNA decapping . Blocks autophagy in nutrient-rich conditions by repressing the expression of ATG-related genes through degradation of their transcripts .



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