



RECQ5 mouse mAb

Catalog No	YP-mAb-12040
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	RECQL5 RECQ5
Immunogen	Synthesized peptide derived from human RECQ5 AA range: 647-697
Specificity	This antibody detects endogenous levels of RECQ5 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	EC:5.6.2.4;DNA helicase;RecQ-like type 5;RecQ like type 5;DNA 3'-5' helicase RecQ5;ATP-dependent DNA helicase Q5;RECQ5;RECQL5 RECQ5
Observed Band	
Calculated Molecular Weight	
Cell Pathway	[Isoform Beta]: Nucleus, nucleoplasm . Nucleus . Recruited to sites of DNA damage, such as single-strand breaks and inter-strand cross-links, and at stalled replication forks. Re-localizes from the nucleolus into the nucleus after replicative stress and significantly associates with WRN during S-phase (PubMed:23180761). .; [Isoform Alpha]: Cytoplasm .; [Isoform Gamma]: Cytoplasm .
Tissue Specificity	Ubiquitous.
Function	function:May have an important role in DNA metabolism.,similarity:Belongs to the helicase family. RecQ subfamily.,similarity:Contains 1 helicase ATP-binding domain.,similarity:Contains 1 helicase C-terminal domain.,subunit:Interacts with TOP3A and TOP3B.,tissue specificity:Ubiquitous.,



Background

The protein encoded by this gene is a helicase that is important for genome stability. The encoded protein also prevents aberrant homologous recombination by displacing RAD51 from ssDNA. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2011],

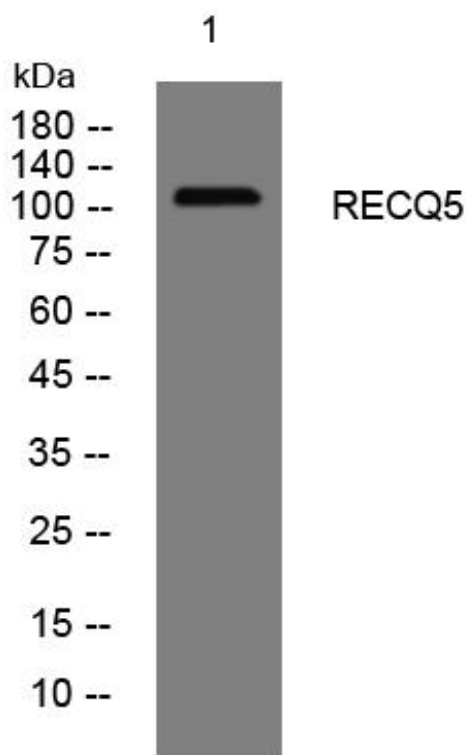
matters needing attention

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



Western Blot analysis of various cells using RECQ5 mouse mAb