



RMI2 rabbit pAb

Catalog No	YP-Ab-08427
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	RMI2 C16orf75
Immunogen	Synthesized peptide derived from human RMI2 AA range: 73-123
Specificity	This antibody detects endogenous levels of RMI2 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	RMI2;RecQ-mediated genome instability protein 2;hRMI2;BLM-associated protein of 18 kDa;BLAP18;RMI2 C16orf75
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Nucleus . Colocalizes with BLM at nuclear DNA repair foci.
Tissue Specificity	
Function	function:Essential component of the RMI complex, a complex that plays an important role in the processing of homologous recombination intermediates to limit DNA crossover formation in cells. The complex is therefore essential for the stability, localization, and function of complexes containing BLM. In the RMI complex, it is required to target BLM to chromatin and stress-induced nuclear foci and mitotic phosphorylation of BLM.,PTM:Phosphorylated during mitosis.,similarity:Belongs to the RMI2 family.,similarity:Contains 1 OB DNA-binding domain.,subcellular location:Colocalizes with BLM at nuclear DNA repair foci.,subunit:Component of the RMI complex, containing at least TOP3A, RMI1 and RMI2. The RMI complex interacts with BLM.,



Background

RMI2 is a component of the BLM (RECQL3; MIM 604610) complex, which plays a role in homologous recombination-dependent DNA repair and is essential for genome stability (Xu et al., 2008 [PubMed 18923082]).[supplied by OMIM, Nov 2008],

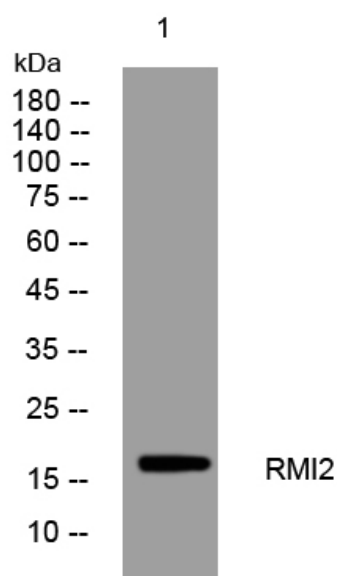
matters needing attention

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 lysates from HeLa cells, primary antibody was diluted at 1:1000, 4° over night