



DNA2 Polyclonal Antibody

Catalog No	YP-Ab-05526
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	DNA2 DNA2L KIAA0083
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	DNA2 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	DNA2L;KIAA0083;DNA2;DNA2 DNA2L KIAA0083;DNA replication ATP-dependent helicase/nuclease DNA2 (hDNA2) (DNA replication ATP-dependent helicase-like homolog) [Includes: DNA replication nuclease DNA2 (EC 3.1.-.-); DNA replication ATP-dependent
Observed Band	120-130 kDa
Calculated Molecular Weight	120 kDa
Cell Pathway	Nucleus. Mitochondrion. Was initially reported to be exclusively mitochondrial (PubMed:18995831). However, it was later shown to localize both in mitochondrion and nucleus (PubMed:19487465). .
Tissue Specificity	Bone marrow,Colon,Duodenum,Lymph,
Function	function:May function in chromosomal DNA replication.,similarity:Belongs to the DNA2/NAM7 helicase family.,
Background	This gene encodes a member of the DNA2/NAM7 helicase family. The encoded protein is a conserved helicase/nuclease involved in the maintenance of mitochondrial and nuclear DNA stability. Mutations in this gene are associated with autosomal dominant progressive external ophthalmoplegia-6 (PEOA6) and Seckel syndrome 8. Alternatively spliced transcript variants have been found for



this gene. [provided by RefSeq, Sep 2014],

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