SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-DNA2 antibody

Catalog Number: SL14358R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	DNA2
Immunogen:	KLH conjugated synthetic peptide derived from human DNA2: 251-350/1060
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 ICC/IF=1:100-500 IF=1:100-500 ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human, Mouse, Rat, Pig, Cow, Horse, Sheep)
Predicted MW.:	120kDa
Subcellular Location:	The nucleus cytoplasmic
Background:	DNA2 is a conserved helicase/nuclease involved in the maintenance of mitochondrial and nuclear DNA stability (Duxin et al., 2009 [PubMed 19487465]).[supplied by OMIM, Nov 2010] **Function:** May function in chromosomal DNA replication. **Similarity:** Belongs to the DNA2/NAM7 helicase family. **Database links:** **Entrez Gene:** 1763 Human **Entrez Gene:** 327762 Mouse Omim: 601810 Human **SwissProt:** P51530 Human **SwissProt:** Q2NKM1 Human

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	SwissProt: Q5TC49 Human **SwissProt:** Q14BM9 Mouse **SwissProt:** Q6ZQJ5 Mouse **SwissProt:** Q8BSZ0 Mouse **Unigene:** 532446 Human **Unigene:** 21492 Mouse

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