SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-DDI1 antibody

Catalog Number: SL14212R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	DDI1
Immunogen:	KLH conjugated synthetic peptide derived from human DDI1: 101-200/396
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, Dog, Pig, Rabbit)
Predicted MW.:	44kDa
Subcellular Location:	cytoplasmic
Background:	DDI1 is a 396 amino acid protein that contains one ubiquitin-like domain. The gene encoding DDI1 maps to human chromosome 11, which makes up around 4% of human genomic DNA and is considered a gene and disease association dense chromosome. The chromosome 11 encoded Atm gene is important for regulation of cell cycle arrest and apoptosis following double strand DNA breaks. Atm mutation leads to the disorder known as ataxia-telangiectasia. The blood disorders Sickle cell anemia and ∫ thalassemia are caused by HBB gene mutations. Wilms' tumors, WAGR syndrome and Denys-Drash syndrome are associated with mutations of the WT1 gene. **Similarity:** Belongs to the DDI1 family. Contains 1 ubiquitin-like domain.

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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	Database links: **Entrez Gene:** 414301 Human **Entrez Gene:** 71829 Mouse **Entrez Gene:** 367012 Rat SwissProt: Human **SwissProt:** Q8WTU0 Human **SwissProt:** Q9DAF3 Mouse **SwissProt:** A0JPP7 Rat **Unigene:** 591941 Human **Unigene:** 141452 Mouse **Unigene:** 92290 Rat

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