SunLong Biotech Co.,LTD
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Rabbit Anti-DDX47 antibody

SL14229R

Product Name	DDX47
Chinese Name	ATP 依赖 RNA 解旋酶 DDX47 抗体
Alias	DDX47; DDX47_HUMAN; DEAD (Asp Glu Ala Asp) box polypeptide 47; DEAD box protein 47; DKFZp564O176; E4 DBP; FLJ30012; HGNC:18682; HQ0256; MSTP162; Probable ATP dependent RNA helicase DDX47; Probable ATP-dependent RNA helicase DDX47.
Research Area	Cell biology Developmental biology transcriptional regulatory factor Binding protein Cell differentiation Epigenetics
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted: Human, Mouse, Rat, Chicken, Dog, Cow, Horse, Sheep,)
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.
Theoretical molecular weight	50kDa
Cellular localization	The nucleus
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human DDX47: 201-300/455
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

PubMed PubMed

This gene encodes a member of the DEAD box protein family. DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure, such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. The protein encoded by this gene can shuttle between the nucleus and the cytoplasm, and has an RNA-independent ATPase activity. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Subcellular Location:
Nucleus; nucleolus.

Similarity:
Belongs to the DEAD box helicase family. DDX47/RRP3 subfamily.
Contains 1 helicase ATP-binding domain.
Contains 1 helicase C-terminal domain.

SWISS:
Q9H0S4

Product Detail

Gene ID:
51202

Database links:

Entrez Gene: 51202 Human

Entrez Gene: 67755 Mouse

Entrez Gene: 297685 Rat

SwissProt: Q9H0S4 Human

SwissProt: Q9CWX9 Mouse

Unigene: 719938 Human

Unigene: 166524 Mouse

Unigene: 73790 Rat

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