SunLong Biotech Co.,LTD
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Rabbit Anti-DDX6 antibody

SL14239R

Product Name	DDX6
Chinese Name	ATP 依赖 RNA 解旋酶 DDX6 抗体
Alias	ATP dependent RNA helicase DDX6; ATP dependent RNA helicase p54; DDX6; DEAD (Asp Gl polypeptide 6; DEAD box 6; DEAD box protein 6; DEAD/H (Asp Glu Ala Asp/His) box polype helicase 54kD); FLJ36338; HLR2; Oncogene RCK; P54; Probable ATP-dependent RNA helicas
Research Area	Apoptosis transcriptional regulatory factor Cell differentiation Epigenetics
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted: Human, Mouse, Rat, Chicken, Dog, Pig, Cow, Rabbit,)
Applications	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	54kDa
Cellular localization	cytoplasmic
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human DDX6: 51-150/483
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 d applications.
PubMed	PubMed

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This gene encodes a member of the DEAD box protein family. The protein is an RNA helicase fo
and stress granules, and functions in translation suppression and mRNA degradation. It is requir
microRNA-induced gene silencing. Multiple alternatively spliced variants, encoding the same pro
identified. [provided by RefSeq, Mar 2012]

Function:
DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putati
helicases. They are implicated in a number of cellular processes involving alteration of RNA secc
such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome
Based on their distribution patterns, some members of this family are believed to be involved in
spermatogenesis and cellular growth and division. In the process of mRNA degradation, DDX6
in mRNA decapping. It forms a complex with DCP1A, DCP2, EDC3 and EDC4/HEDLS.

Subcellular Location:
Cytoplasm; P-body. Note: Processing bodies (PB).

SWISS:
P26196

Product Detail

Gene ID:
1656

Database links:

Entrez Gene: 1656 Human

Entrez Gene: 13209 Mouse

Entrez Gene: 500988 Rat

Omim: 600326 Human

SwissProt: P26196 Human

SwissProt: P54823 Mouse

Unigene: 408461 Human

Unigene: 267061 Mouse