ELK Biotechnology

DDX11 rabbit pAb

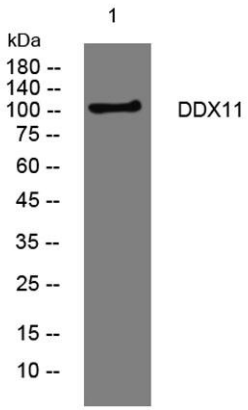
Cat No.:ES16980

For research use only

Overview

Product Name	DDX11 rabbit pAb
Host species	Rabbit
Applications	WB
Species Cross-Reactivity	Human; Mouse
Recommended dilutions	WB 1:500-2000
Immunogen	Synthesized peptide derived from human DDX11 AA range: 50-100
Specificity	This antibody detects endogenous levels of DDX11 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	DDX11
Gene Name	DDX11 CHL1 CHLR1 KRG2
Cellular localization	Nucleus . Nucleus, nucleolus . Cytoplasm, cytoskeleton, spindle pole . Midbody . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . During the early stages of mitosis, localizes to condensed chromatin and is released from the chromatin w
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	105kD
Human Gene ID	1663
Human Swiss-Prot Number	Q96FC9
Alternative Names	Probable ATP-dependent RNA helicase DDX11 (EC 3.6.4.13) (CHL1-related protein 1) (hCHLR1) (DEAD/H box protein 11) (Keratinocyte growth factor-regulated gene 2 protein) (KRG-2)
Background	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. This gene encodes a DEAD box protein, which is an enzyme that possesses both ATPase and DNA helicase activities. This gene is a homolog of the yeast CHL1 gene, and may function to maintain chromosome transmission fidelity and genome stability. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2008],



Western blot analysis of lysates from HpeG2 cells, primary antibody was diluted at 1:1000, 4°over night

+86-27-59760950 ELKbio@ELKbiotech.com www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road,Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C