



DDX51 rabbit pAb

Cat No.:ES2156

For research use only

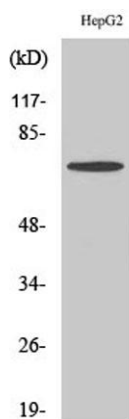
Overview

Product Name	DDX51 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human DDX51. AA range:617-666
Specificity	DDX51 Polyclonal Antibody detects endogenous levels of DDX51 protein.
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	ATP-dependent RNA helicase DDX51
Gene Name	DDX51
Cellular localization	Nucleus, nucleolus .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	72kD
Human Gene ID	317781
Human Swiss-Prot Number	Q8N8A6
Alternative Names	DDX51; ATP-dependent RNA helicase DDX51; DEAD box protein 51
Background	domain:The Q motif is unique to and characteristic of the DEAD box family of RNA helicases and controls ATP binding and hydrolysis.,function:ATP-binding RNA helicase involved in the biogenesis of 60S ribosomal



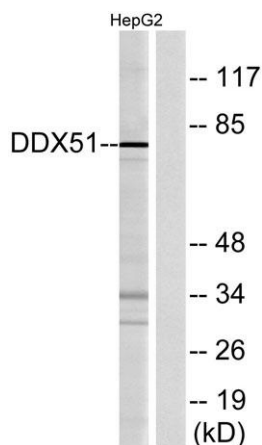
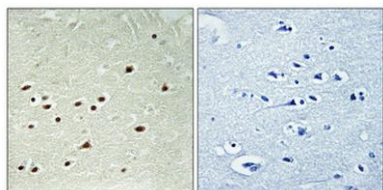


subunits.,similarity:Belongs to the DEAD box helicase family. DDX51/DBP6
subfamily.,similarity:Contains 1 helicase ATP-binding domain.,similarity:Contains 1 helicase C-terminal domain.,



Western Blot analysis of various cells using DDX51 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).

Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA, pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.

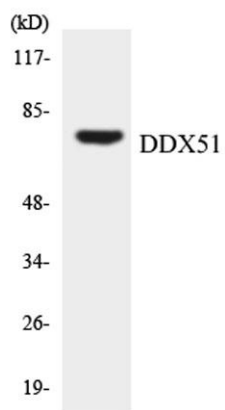


Western blot analysis of lysates from HepG2 cells, using DDX51 Antibody. The lane on the right is blocked with the synthesized peptide.





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Western blot analysis of the lysates from K562 cells using DDX51 antibody.



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