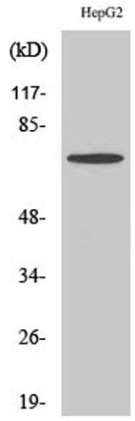
DDX51 rabbit pAb

Cat#: orb765031 (Manual)

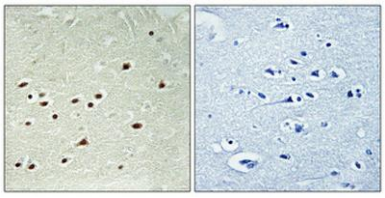
For research use only. Not intended for diagnostic use.

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. Negetive contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.

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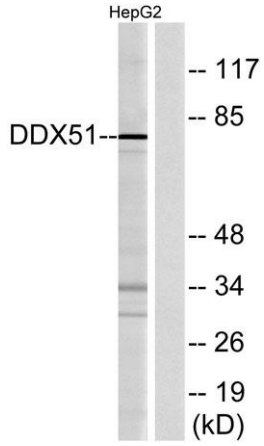
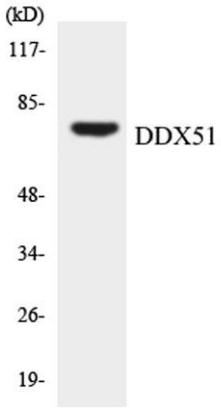


Western blot analysis of lysates from HepG2 cells, using DDX51 Antibody. The lane on the right is blocked with the synthesized peptide.



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

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