Spliceosome RNA helicase DDX39B Polyclonal Antibody

Catalog No: #42086

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Description

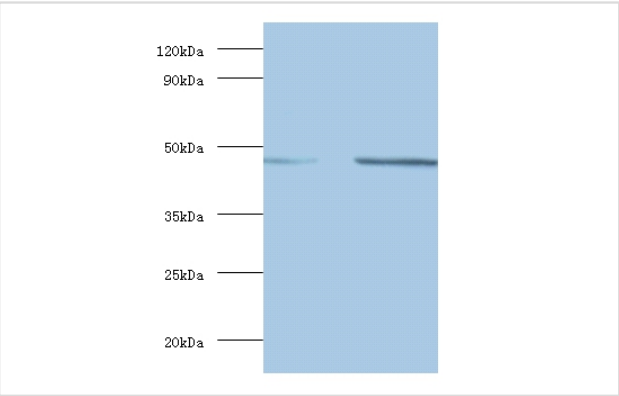
Product Name	Spliceosome RNA helicase DDX39B Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Spliceosome RNA helicase DDX39B polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Spliceosome RNA helicase DDX39B protein
Target Name	Spliceosome RNA helicase DDX39B
Other Names	56 kDa U2AF65-associated protein ATP-dependent RNA helicase p47 DEAD box protein UAP56 HLA-B-associated transcript 1 protein
Accession No.	Swiss-Prot#: Q13838
Uniprot	Q13838
GeneID	7919;
Calculated MW	47kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

Application Details

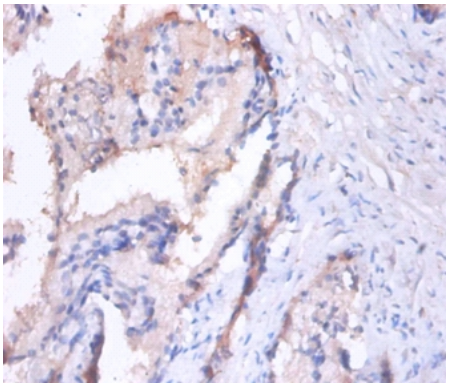
Western blotting: 1:500 - 1:1000

Immunohistochemistry: 1:20 - 1:200

Images



All lanes : Spliceosome RNA helicase DDX39B antibody at 2ug/ml
Lane 1 : EC109 whole cell lysate
Lane 2 : 293T whole cell lysate
Secondary
Goat polyclonal to Rabbit IgG at 1/15000 dilution
Predicted band size : 47 kDa
Observed band size: 47kDa



Immunohistochemical analysis of paraffin-embeded human prostate using #42086 at dilution of 1:100.

Background

Involved in nuclear export of spliced and unspliced mRNA. Assembling component of the TREX complex which is thought to couple mRNA transcription, processing and nuclear export, and specifically associates with spliced mRNA and not with unspliced pre-mRNA. TREX is recruited to spliced mRNAs by a transcription-independent mechanism, binds to mRNA upstream of the exon-junction complex (EJC) and is recruited in a splicing- and cap-dependent manner to a region near the 5' end of the mRNA where it functions in mRNA export to the cytoplasm via the TAP/NFX1 pathway.

References

[1] "The BAT1 gene in the MHC encodes an evolutionarily conserved putative nuclear RNA helicase of the DEAD family." Peelman L., Chardon P., Nunes M., Renard C., Geffrotin C., Vaiman M., van Zeveren A., Coppieters W., van de Weghe A., Bouquet Y., Choy W.

Note: This product is for in vitro research use only