BT LAB
Bioassay Technology Laboratory
Optimize Your Research

DDX52 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP02549
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human DDX52. AA range:550-599
Mol wt	67466
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	DDX52 Antibody
Synonyms	DDX52; ROK1; HUSSY-19; Probable ATP-dependent RNA helicase DDX52; ATP-dependent RNA helicase ROK1-like; DEAD box protein 52

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp, are putative RNA helicases implicated in several cellular processes involving modifications 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 may be involved in embryogenesis, spermatogenesis, and cellular growth and division. DEAD box protein 52 (DDX52), also known as ATP-dependent RNA helicase ROK1-like or HUSSY-19, is a 599 amino acid protein belonging to the DEAD box helicase family. Localized to the nucleus, DDX52 is phosphorylated by ATM or ATR upon DNA damage. DDX52 contains one helicase ATP-binding domain and one helicase C-terminal domain.

Recommended Dilution

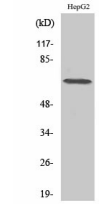
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

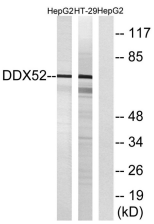
ELISA: 1: 40000

Not yet tested in other applications.

Images



Western Blot analysis of various cells using DDX52 Polyclonal Antibody diluted at 1:500 cells nucleus.



Western blot analysis of lysates from HepG2 and HT-29 cells, using DDX52 Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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