BT LAB
Bioassay Technology Laboratory

Optimize Your Research

MKRN1 Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03621
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human MKRN1
Mol wt	53020
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	MKRN1
Synonyms	MKRN1

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

Background

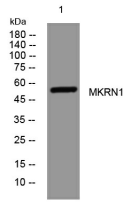
This gene encodes a protein that belongs to a novel class of zinc finger proteins. The encoded protein functions as a transcriptional co-regulator| and as an E3 ubiquitin ligase that promotes the ubiquitination and proteasomal degradation of target proteins. The protein encoded by this gene is thought to regulate RNA polymerase II-catalyzed transcription. Substrates for this protein's E3 ubiquitin ligase activity include the capsid protein of the West Nile virus and the catalytic subunit of the telomerase ribonucleoprotein. This protein controls cell cycle arrest and apoptosis by regulating p21| a cell cycle regulator| and the tumor suppressor protein p53. Pseudogenes of this gene are present on chromosomes 1| 3| 9| 12 and 20| and on the X chromosome. Alternative splicing results in multiple transcript variants encoding different isoforms.

Recommended Dilution

WB: 1: 500 - 1: 2000

Not yet tested in other applications.

Images



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

Storage

-20°C for 1 year

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