BT LAB
Bioassay Technology Laboratory

Optimize Your Research

CENPS Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP14910
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from human protein . at AA range: 70-150
Mol wt	N/A
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Centromere protein S
Synonyms	Centromere protein S ;CENP-S;Apoptosis-inducing TAF9-like domain-containing protein 1;FANCM-interacting histone fold protein 1;Fanconi anemia-associated polypeptide of 16 kDa

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

Background

This gene was identified in the neuroblastoma tumor suppressor candidate region on chromosome 1p36. It contains a TFIID-31 domain, similar to that found in TATA box-binding protein-associated factor, TAF(II)31, which is required for p53-mediated transcription activation. This gene was expressed at very low levels in neuroblastoma tumors, and was shown to reduce cell growth in neuroblastoma cells, suggesting that it may have a role in a cell death pathway. The protein is a component of multiple complexes, including the Fanconi anemia (FA) core complex, the APITD1/CENPS complex, and the CENPA-CAD (nucleosome distal) complex. Known functions include an involvement with chromatin associations of the FA core complex, and a role in the stable assembly of the outer kinetochore. Alternative splicing of this gene results in multiple transcript variants. Naturally occurring read-through transcripts also exist

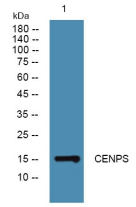
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images



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

Storage

-20°C for 1 year

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