

## Summary

Production Name	CENPS Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Rat,Mouse

### Performance

Conjugation	Unconjugated
Modification	Unmodified
lsotype	lgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.
Purification	Affinity purification

#### Immunogen

Gene Name	APITD1 CENPS FAAP16 MHF1
Alternative Names	
Gene ID	100526739.0
SwissProt ID	Q8N2Z9.Synthesized peptide derived from human protein . at AA range: 70-150

# Application

Dilution Ratio	WB 1:500-2000 ELISA 1:5000-20000
Molecular Weight	15kD

### 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-

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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 existcaution: The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data., function: Binds to all human somatostatin receptor (SSTR) subtypes. It also inhibits cAMP production induced by forskolin through SSTRs., function: Component of the CENPA-CAD (nucleosome distal) complex, a complex recruited to centromeres which is involved in assembly of kinetochore proteins, mitotic progression and chromosome segregation., similarity: Belongs to the somatostatin family., similarity: Belongs to the TAF9 family., subcellular location: Localizes exclusively in the centromeres. The CENPA-CAD complex is probably recruited on centromeres by the CENPA-NAC complex, subunit: Component of the CENPA-CAD complex, composed of CENPI, CENPK, CENPL, CENPO, CENPP, CENPQ, CENPR and CENPS. The CENPA-CAD complex interacts with the CENPA-NAC complex, at least composed of CENPA, CENPH, CENPH, CENPN, CENPT and MLF1IP/CENPU, tissue specificity: Expressed in a subset of GABAergic cells in the cortex and hippocampus, tissue specificity:Ubiquitously expressed.,

## **Research Area**

### Image Data



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

#### Note

For research use only.