

## CENPS Polyclonal Antibody

Cat No: HR1AP11640

For research use only

### Overview

Product Name	CENPS Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	15kDa
GeneID?Human?	APITD1 CENPS FAAP16 MHF1
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	
Background	<p>centromere protein S(CENPS) Homo sapiens This gene was identified in the neuroblastoma tumor suppressor candidate region on chromosome 1p36. It contains a TFIIID-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</p>