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CASC5 Rabbit pAb

货号: B12019

产品信息

反应	Human,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	**IF:** Homo sapiens , Mus musculus **WB:** Mus musculus
应用	WB IHC IF/ICC
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:100 **IF/ICC:** 1:50 - 1:100
理论分子量	195kDa/205kDa/262kDa/265kDa
实测分子量	300kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HepG2,U-87MG,HeLa,Jurkat
细胞定位	Chromosome,Nucleus,centromere,kinetochore
纯化	Affinity purification

抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human CASC5 (NP_733468.3).
序列	MDGVSSEANEENDNIERPVRRRHSSILKPPRSPLQDLRGGNERVQESNALRNKKNSRRVSFADTIKVFQTESHMKIVRKSE MEGCSAMVPSQLQLLPPGFKRFSCLSLPETETGENLLLIQNKKLEDNYCEITGMNTLLSAPIHTQMQQKEFSIIEHTRERKHA NDQTVIFSDENQMDLTSSHTVMITKGLLDNPISEKSTKIDTTSFLANLKLHTEDSRMKKEVNFSVDQNTSSENKIDFNDFIK RLKTGKCSAFPDVPDKENFEIPIYSKEPNSASSTHQMHVSLKEDENNSNITRLF

靶点信息

研究背景	The protein encoded by this gene is a component of the multiprotein assembly that is required for creatio n of kinetochore-microtubule attachments and chromosome segregation. The encoded protein functions as a scaffold for proteins that influence the spindle assembly checkpoint during the eukaryotic cell cycle and it interacts with at least five different kinetochore proteins and two checkpoint kinases. In adults, this gene is predominantly expressed in normal testes, various cancer cell lines and primary tumors from oth er tissues and is ubiquitously expressed in fetal tissues. This gene was originally identified as a fusion par tner with the mixed-lineage leukemia (MLL) gene in t(11;15)(q23;q14). Mutations in this gene cause auto somal recessive primary microcephaly-4 (MCPH4). Alternative splicing results in multiple transcript varian ts encoding different isoforms. Additional splice variants have been described but their biological validity has not been confirmed.
基因**ID**	57082
基因名	KNL1
Swiss	Q8NG31
别名	AF15Q14;CASC5;CT29;D40;MCPH4;PPP1R55;Spc7;hKNL-1;hSpc105;KNL1

产品验证

实验步骤

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