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Cdk2 Rabbit mAb

货号: **AYM28478**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IP
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200 IP: 1:20 - 1:50
理论分子量	30kDa/33kDa
实测分子量	33kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	293T,HeLa
细胞定位	Cajal body,Cytoplasm,Endosome,Nucleus,centrosome,cytoskeleton,microtubule organizing center
纯化	Affinity purification

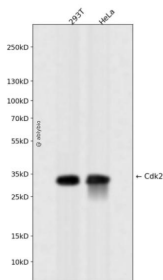
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Cdk2.
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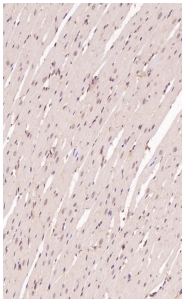
靶点信息

研究背景	This gene encodes a member of a family of serine/threonine protein kinases that participate in cell cycle regulation. The encoded protein is the catalytic subunit of the cyclin-dependent protein kinase complex, which regulates progression through the cell cycle. Activity of this protein is especially critical during the G1 to S phase transition. This protein associates with and regulated by other subunits of the complex including cyclin A or E, CDK inhibitor p21Cip1 (CDKN1A), and p27Kip1 (CDKN1B). Alternative splicing results in multiple transcript variants.
基因ID	1017
基因名	CDK2
Swiss	P24941 (https://www.uniprot.org/uniprotkb/P24941/entry)
别名	Cdk2,Cdc2 related protein kinase,cdc2-related protein kinase,CDC28,CDC2A,Cdk 2,CDK1,CDK2_HUMAN,CDKN2,Cell division kinase 2,Cell division protein kinase 2,Cyclin dependent kinase 2,cyclin dependent kinase 2-alpha,Cyclin-dependent kinase 2,kinase Cdc2,MPF,p33 protein kinase,p33(CDK2),Cdk2 Rabbit mAb

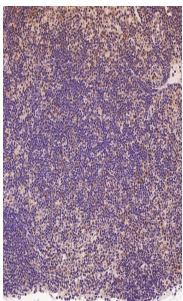
产品验证



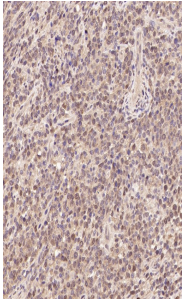
Western blot analysis of Cdk2 expressed in 293T, HeLa using Cdk2 Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.



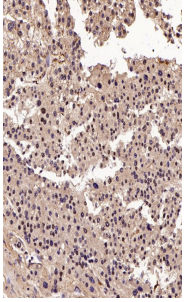
Immunohistochemical analysis of paraffin-embedded Rat heart, using the Antibody at 1:200 dilution.



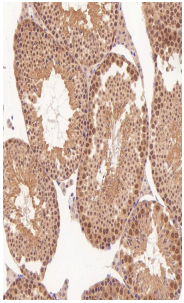
Immunohistochemical analysis of paraffin-embedded Rat pancreas, using the Antibody at 1:200 dilution.



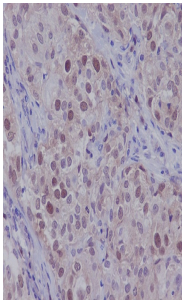
Immunohistochemical analysis of paraffin-embedded Human non-Hodgkin's lymphoma, using the Antibody at 1:100 dilution.



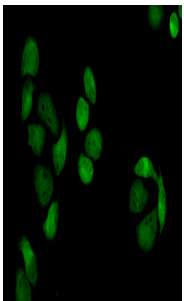
Immunohistochemical analysis of paraffin-embedded Human liver cancer, using the Antibody at 1:100 dilution.



Immunohistochemical analysis of paraffin-embedded Mouse testis, using the Antibody at 1:100 dilution.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma, using CDK2 Antibody.



Immunofluorescence analysis of HeLa cells labelling Cdk2 with the antibody. The cells were fixed with cold 100% methanol (10min, 4°C) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubated with Goat Anti-Rabbit IgG Fluor488 (1:200, shown in green) at room temperature for 1h.

实验步骤

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