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Product datasheet for TA392774

CDK2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500~1:1000 IHC: 1:50~1:200
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide, corresponding to amino acids 230-278 of Human Cdk2.
Specificity:	Cdk2 (Q265) polyclonal antibody detects endogenous levels of Cdk2 protein.
Formulation:	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Concentration:	1mg/ml
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Stability:	1 year
Predicted Protein Size:	~ 34 kDa
Gene Name:	cyclin-dependent kinase 2
Database Link:	Entrez Gene 1017 Human P24941
Background:	Cdk2 is a member of the Ser/Thr protein kinase family. It is highly similar to the gene products of S. cerevisiae cdc28, and S. pombe cdc2. It is a catalytic subunit of the cyclin-dependent protein kinase complex, whose activity is restricted to the G1-S phase, and is essential for cell cycle G1/S phase transition. This protein associates with and is regulated by the regulatory subunits of the complex including cyclin A or E, CDK inhibitor p21Cip1 (CDKN1A) and p27Kip1 (CDKN1B). Its activity is also regulated by protein phosphorylation. Two alternatively spliced variants and multiple transcription initiation sites of this gene have been reported.
Synonyms:	CDK2; CDKN2; Cell division protein kinase 2; Cyclin-dependent kinase 2; p33 protein kinase

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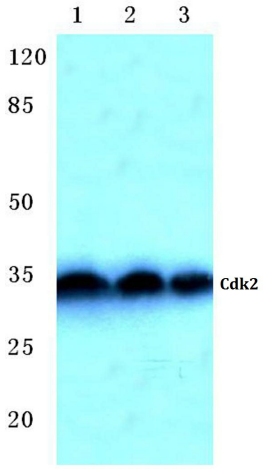
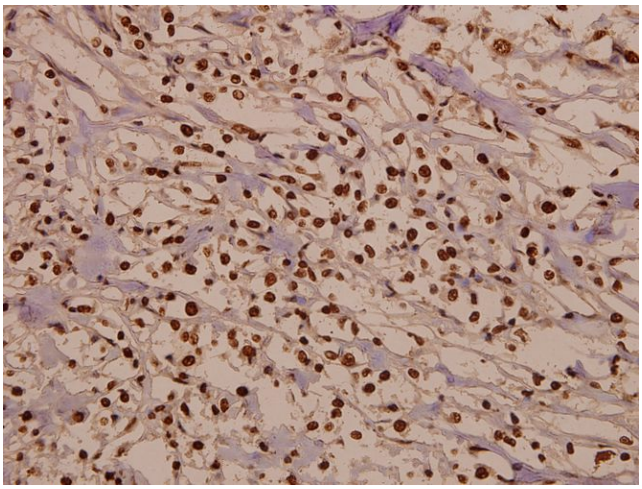
Note: For research use only, not for use in diagnostic procedure.

Product images:



Western blot (WB) analysis of Cdk2 (Q265) pAb at 1:500 dilution Lane1:K562 whole cell lysate(40ug) Lane2:HEK293T whole cell lysate(40ug) Lane3:H9C2 whole cell lysate(40ug) Lane4:MEF whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of Cdk2 (Q265) pAb in paraffin-embedded human tonsil cancer tissue at 1:50.

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