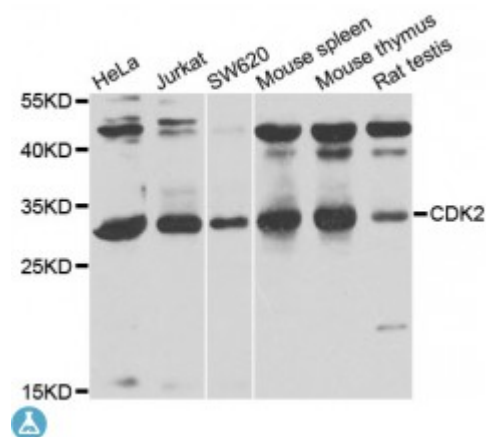


Anti-CDK2 Antibody



Description

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.

Model	STJ113540
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	WB
Immunogen	A synthetic peptide of human CDK2
Gene ID	1017
Gene Symbol	CDK2
Dilution range	WB 1:500 - 1:2000
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Cyclin-dependent kinase 2
Molecular Weight	33.93 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:1771 OMIM:116953 Reactome:R-HSA-1538133
Alternative Names	Cyclin-dependent kinase 2
Function	Serine/threonine-protein kinase involved in the control of the cell cycle
Cellular Localization	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, Nucleus, Cajal body, Cytoplasm, Endosome,
Post-translational Modifications	Phosphorylated at Thr-160 by CDK7 in a CAK complex ,

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