

## Cdk1/2/3 (phospho Thr14) Polyclonal Antibody

Cat #: ABP50286

Size: 30μl /100μl /200μl

### Product Information

	<b>Product Name:</b> Cdk1/2/3 (phospho Thr14) Polyclonal Antibody		
	<b>Applications:</b> WB, IF, ELISA		<b>Isotype:</b> Rabbit IgG
	<b>Reactivity:</b> Human, Mouse, Rat, Monkey		
<b>REF</b>	<b>Catalog Number:</b> ABP50286	<b>LOT</b>	<b>Lot Number:</b> Refer to product label
	<b>Formulation:</b> Liquid		<b>Concentration:</b> 1 mg/ml
	<b>Storage:</b> Store at -20°C. Avoid repeated freeze / thaw cycles.		<b>Note:</b> Contain sodium azide.

**Background:** CDK2 encodes a member of a family of serine/threonine protein kinases that participate in cell cycle regulation. Cyclin dependent kinase 2 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 is 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.

**Application Notes:** Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IF (1:200-1:1000), ELISA (1:5000). Not yet tested in other applications.

**Storage Buffer:** PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

**Storage Instructions:** Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

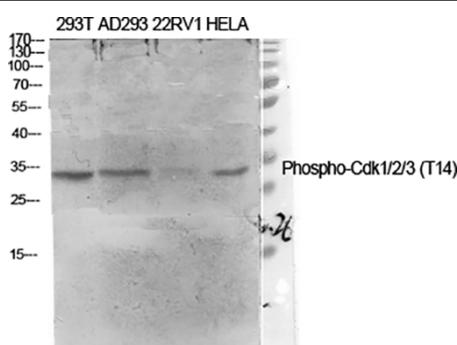


Fig.1. Western Blot analysis of various cells using Phospho-Cdk1/2/3 (T14) Polyclonal Antibody diluted at 1:2000.



Fig.2. Western Blot analysis of COS7 cells using Phospho-Cdk1/2/3 (T14) Polyclonal Antibody diluted at 1:2000.

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