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Datasheet for ABIN6744417
anti-CDK7 antibody (C-Term)

1 Image

Overview

Quantity:	100 µL
Target:	CDK7
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Cow, Dog, Pig, Horse, Guinea Pig, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDK7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide from C-Terminus of human CDK7 (P50613, NP_001790). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Monkey, Marmoset (100%), Rabbit (93%), Galago, Rat, Dog, Bat, Horse, Pig (86%), Hamster, Elephant, Bovine (80%). Type of Immunogen: Synthetic peptide
Specificity:	Human CDK7
Predicted Reactivity:	Percent identity by BLAST analysis: Human (100%) Rat, Dog, Horse, Pig (86%) Bovine (80%).
Purification:	Immunoaffinity purified

Target Details

Target:	CDK7
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Target Details

Alternative Name: [CDK7 \(CDK7 Products\)](#)

Background: Name/Gene ID: CDK7
Subfamily: CDC2/CDK
Family: Protein Kinase

Synonyms: CDK7, 39 kDa protein kinase, CDK-activating kinase, CDK-activating kinase 1, CDKN7, Cell division protein kinase 7, Cyclin-dependent kinase 7, HCAK, Protein kinase, Mpk-7, Serine/threonine kinase stk1, CAK, CAK1, Crk4, Kinase subunit of CAK, MO15, p39 Mo15, p39MO15, STK1

Gene ID: 1022

NCBI Accession: [NP_001790](#)

UniProt: [P50613](#)

Pathways: [Cell Division Cycle](#), [DNA Damage Repair](#), [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Mitotic G1-G1/S Phases](#), [M Phase](#)

Application Details

Application Notes: Approved: WB (0.2 - 1 µg/mL)

Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Distilled water

Concentration: Lot specific

Buffer: Lyophilized

Handling Advice: Avoid repeat freeze-thaw cycles.

Storage: 4 °C, -20 °C

Handling

Storage Comment: Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)
Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



Image 1.