

DATASHEET

CDK10 Rabbit Monoclonal Antibody(C779)

CAT. NO. AMA00391

KEY FEATURES

Target	CDK10	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Monoclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in PBS, pH 7.4, containing 50% glycerol, 0.05% BSA and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

Cyclin-dependent kinase that phosphorylates the transcription factor ETS2 (in vitro) and positively controls its proteasomal degradation (in cells) and positively controls its proteasomal degradation (in cells) . Involved in the regulation of actin cytoskeleton organization through the phosphorylation of actin dynamics regulators such as PKN2. Is a negative regulator of ciliogenesis through phosphorylation of PKN2 and promotion of RhoA signaling .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

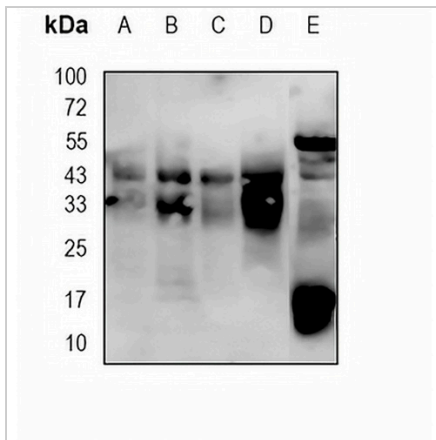
Description	Recombinant rabbit monoclonal antibody to CDK10
Specificity	Recognizes endogenous levels of CDK10 protein
Antibody Type	Primary antibody, Recombinant
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human CDK10. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 41, 32, 21, 17 kD; Observed: 46, 34 kD
Form/Buffer	Liquid in PBS, pH 7.4, containing 50% glycerol, 0.05% BSA and 0.01% sodium azide.
Alternative Names	Cyclin-dependent kinase 10; Cell division protein kinase 10; Serine/threonine-protein kinase P1SSLRE
Gene Symbol	CDK10
Entrez Gene	8558(Human); 234854(Mouse); 361434(Rat)
SwissProt	Q15131(Human); Q3UMM4(Mouse); Q4KM47(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of CDK10 expression in A431 (A), HeLa (B), mouse liver (C), mouse lung (D), rat lung (E) whole cell lysates. (Predicted band size: 41, 32, 21, 17 kD; Observed band size: 46, 34 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.