Datasheet for ABIN3030618

anti-CDK6 antibody (C-Term)

2 Images

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Overview

Quantity:	100 µg
Target:	CDK6
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDK6 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	An amino acid sequence from the C-terminus of mouse Cell division protein kinase 6 (AYGALNHPYFQDLERYKDNL) was used as the immunogen for this Cdk6 antibody (100% rat homology).
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	CDK6
Alternative Name:	Cdk6 (CDK6 Products)
Background:	Cell division protein kinase 6, also called Pistire, is an enzyme that in humans is encoded by the CDK6 gene. The protein encoded by this gene is a member of the cyclin-dependent protein

Target Details

	kinase(CDK) family. Radiation hybrid analysis and inclusion within a mapped clone place the gene at 7q21. Serine/threonine-protein kinase involved in the control of the cell cycle and differentiation and promotes G1/S transition. This gene also involved in initiation and maintenance of cell cycle exit during cell differentiation. It prevents cell proliferation and regulates negatively cell differentiation, but is required for the proliferation of specific cell types. CDK6 also plays a role in promoting the proliferation of beta-cells in pancreatic islets of Langerhans.
UniProt:	Q64261
Pathways:	Cell Division Cycle, Mitotic G1-G1/S Phases

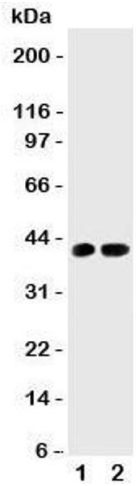
Application Details

Application Notes:	The stated application concentrations are suggested starting amounts. Titration of the Cdk6 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL
Restrictions:	For Research Use only

Handling

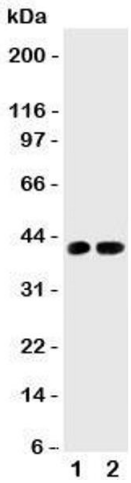
Buffer:	0.5 mg/mL if reconstituted with 0.2 mL sterile DI water
Storage:	-20 °C
Storage Comment:	After reconstitution, the Cdk6 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Western blot testing of Cdk6 antibody and Lane 1: rat testis; 2: (r) lung tissue lysate. Predicted molecular weight: 36-40 kDa.



Western Blotting

Image 2. Western blot testing of Cdk6 antibody and Lane 1: rat testis