

Datasheet for ABIN7299158
anti-CDK8 antibody (N-Term)

2 Images

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Overview

Quantity:	100 µL
Target:	CDK8
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDK8 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human CDK8.
Specificity:	Recognizes endogenous levels of CDK8 protein.
Characteristics:	Rabbit polyclonal antibody to CDK8
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	CDK8
Alternative Name:	CDK8 (CDK8 Products)
Background:	Cyclin-dependent kinase 8, Cell division protein kinase 8, Mediator complex subunit CDK8,

Target Details

	Mediator of RNA polymerase II transcription subunit CDK8, Protein kinase K35
Gene ID:	1024, 264064
UniProt:	P49336 , Q8R3L8
Pathways:	Cell Division Cycle , Regulation of Lipid Metabolism by PPARalpha

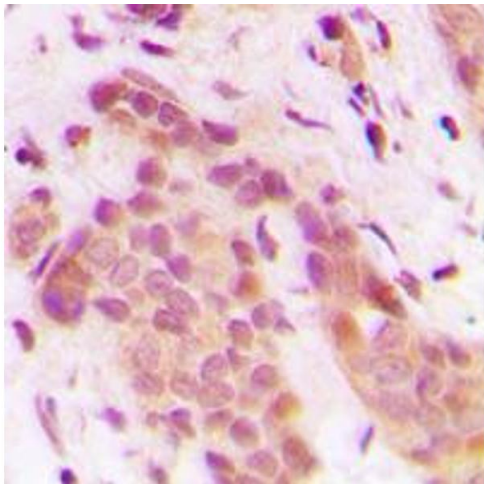
Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

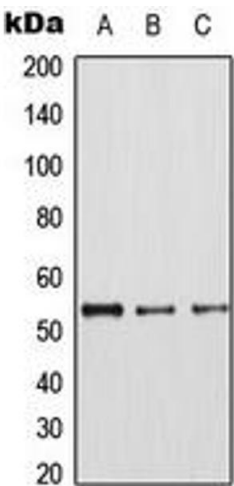
Images



Immunohistochemistry

Image 1. Immunohistochemical analysis of CDK8 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with

haematoxylin and mounted with DPX.



Western Blotting

Image 2. Western blot analysis of CDK8 expression in HepG2 (A), A549 (B), Raw264.7 (C) whole cell lysates.