Datasheet for ABIN965975

anti-DCK antibody (N-Term)

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1 Publication

Overview

Quantity:	0.1 mg
Target:	DCK
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DCK antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Immunogen:	Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of human DCK (deoxycytidine kinase)
Purification:	Purified by antigen-specific affinity chromatography.

Target Details

Target:	DCK
Alternative Name:	DCK (DCK Products)
Background:	Deoxycytidine kinase (DCK) is required for the phosphorylation of several deoxyribonucleosides and their nucleoside analogs. Deficiency of DCK is associated with resistance to antiviral and anticancer chemotherapeutic agents. Conversely, increased deoxycytidine kinase activity is associated with increased activation of these compounds to cytotoxic nucleoside triphosphate

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Target Details

derivatives. DCK is clinically important because of its relationship to drug resistance and sensitivity.

Application Details

Application Notes:	ELISA, Western blotting: 1µg/ml for 2hrs.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	This antibody is stored in PBS, 50% glycerol
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

Publications

Product cited in:

Burroughs, Oh, Barrett, DiAugustine et al.: "Phosphatidylinositol 3-kinase and mek1/2 are necessary for insulin-like growth factor-I-induced vascular endothelial growth factor synthesis in prostate epithelial cells: a role for hypoxia-inducible ..." in: **Molecular cancer research : MCR**, Vol. 1, Issue 4, pp. 312-22, (2003) (PubMed).

Schramek, Feifel, Marschitz, Golochtchapova, Gstraunthaler, Montesano: "Loss of active MEK1-ERK1/2 restores epithelial phenotype and morphogenesis in transdifferentiated MDCK cells." in: **American journal of physiology. Cell physiology**, Vol. 285, Issue 3, pp. C652-61, (2003) (PubMed).

Piatelli, Doughty, Chiles: "Requirement for a hsp90 chaperone-dependent MEK1/2-ERK pathway for B cell antigen receptor-induced cyclin D2 expression in mature B lymphocytes." in: **The Journal of biological chemistry**, Vol. 277, Issue 14, pp. 12144-50, (2002) (PubMed).

Morgan, Labno, Van Seventer, Denny, Straus, Burkhardt: "Superantigen-induced T cell:B cell conjugation is mediated by LFA-1 and requires signaling through Lck, but not ZAP-70." in: **Journal of immunology (Baltimore, Md. : 1950)**, Vol. 167, Issue 10, pp. 5708-18, (2001) (

PubMed).

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