

CDK14 Antibody

Catalog No: #43794



Package Size: #43794-1 50ul #43794-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

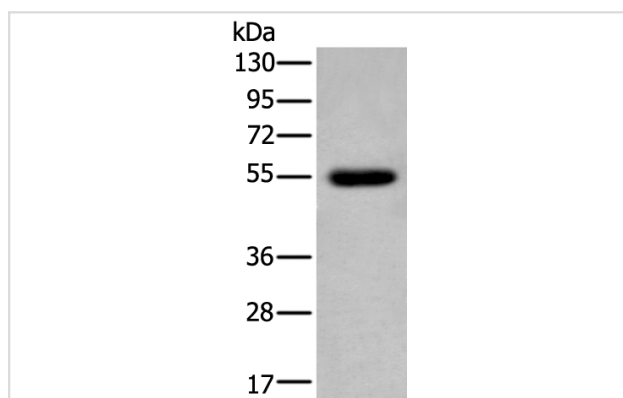
Description

Product Name	CDK14 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB
Species Reactivity	Human;Mouse
Specificity	The antibody detects endogenous levels of total CDK14 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human CDK14
Conjugates	Unconjugated
Target Name	CDK14
Other Names	PFTK1; PFTAIR1
Accession No.	Swiss-Prot#: O94921NCBI Gene ID: 5218
Calculated MW	53kd
Concentration	0.2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:200-1000

Images



Gel: 8%SDS-PAGE

Lysate: 40 µg, Lane: Mouse Pancreas tissue lysate,

Primary antibody:CDK14 antibody at dilution 1/200,

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution,

Exposure time: 10 seconds

Background

Serine/threonine-protein kinase involved in the control of the eukaryotic cell cycle, whose activity is controlled by an associated cyclin. Acts as a cell-cycle regulator of Wnt signaling pathway during G2/M phase by mediating the phosphorylation of LRP6 at 'Ser-1490', leading to the activation of

the Wnt signaling pathway. Acts as a regulator of cell cycle progression and cell proliferation via its interaction with CCDN3. Phosphorylates RB1 in vitro, however the relevance of such result remains to be confirmed in vivo. May also play a role in meiosis, neuron differentiation and may indirectly act as a negative regulator of insulin-responsive glucose transport.

Published Papers

el at., Upregulated miR-206 Aggravates Deep Vein Thrombosis by Regulating GJA1-Mediated Autophagy of Endothelial Progenitor Cells. In Cardiovasc Ther on 2022 Mar 18 by Yan Li, Jingping Ge, et al..PMID:35360546, , (2022)

[PMID:35360546](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.