

p21 Polyclonal Antibody

Catalog No: #41297



Package Size: #41297-1 50ul #41297-2 100ul

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

Description

Product Name	p21 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB ELISA IF/ICC IHC-p
Species Reactivity	Human;Mouse;Rat
Specificity	p21 Polyclonal Antibody detects endogenous levels of p21 protein.
Immunogen Description	Synthesized peptide derived from human p21 around the non-phosphorylation site of T145.
Conjugates	Unconjugated
Target Name	p21
Other Names	CDKN1A; CAP20; CDKN1; CIP1; MDA6; PIC1; SDI1; WAF1; Cyclin-dependent kinase inhibitor 1; CDK-interacting protein 1; Melanoma differentiation-associated protein 6; MDA-6; p21
Accession No.	Swiss-Prot: P38936NCBI Gene ID: 1026
Calculated MW	18kDa
SDS-PAGE MW	21 kDa
Concentration	1mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C/1 year

Application Details

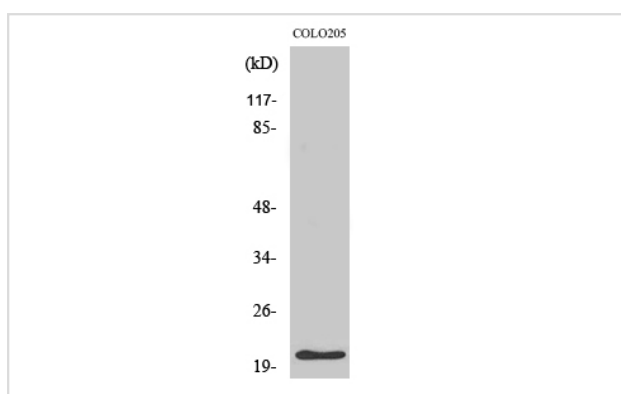
Western Blot: 1/500 - 1/2000.

IF: 1:50-200

ELISA: 1/20000.

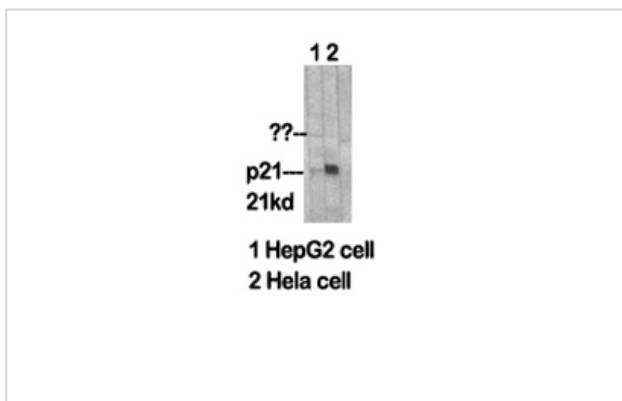
Not yet tested in other applications.

Images



Western Blot analysis of COLO205 cells using p21 Polyclonal Antibody

Western Blot analysis of HepG2 HELA cells using p21 Polyclonal Antibody



Published Papers

el at., Pristimerin attenuates cell proliferation of uveal melanoma cells by Inhibiting Insulin-like growth factor-1 receptor and its downstream pathways. In *J Cell Mol Med* on 2019 Nov by Xie X, Xie S, et al..PMID:31508890, , (2019)

[PMID:31508890](#)

el at., H. pylori infection-induced MSC differentiation into CAFs promotes epithelial-mesenchymal transition in gastric epithelial cells. In *Int J Mol Med* on 2013 Dec by Zhang Q, Wang M, et al..PMID:24145921, , (2013)

[PMID:24145921](#)

el at., Targeting lysophosphatidic acid signaling retards culture-associated senescence of human marrow stromal cells. In *PLoS One* on 2012 by Kanehira M, Kikuchi T, et al..PMID:22359668, , (2012)

[PMID:22359668](#)

el at., Vinpocetine Inhibits Breast Cancer Cells Growth in Vitro and in Vivo. In *Apoptosis* on 2012 Oct by Er-Wen Huang, Sheng-Jiang Xue, et al..PMID:22729609, , (2012)

[PMID:22729609](#)

el at., Effect of the Tumor Suppressor Gene ING4 on the Proliferation of MCF-7 Human Breast Cancer Cells. In *Oncol Lett* on 2012 Sep by Qinjun Wei, Wei He, et al..PMID:22970041, , (2012)

[PMID:22970041](#)

el at., MK-2206 induces cell cycle arrest and apoptosis in HepG2 cells and sensitizes TRAIL-mediated cell death. In *Mol Cell Biochem* on 2013 Oct by Peng Jiao, Yun-Sheng Zhou, et al..PMID:23797319, , (2013)

[PMID:23797319](#)

el at., Cytoplasmic expression of p33ING1b is correlated with tumorigenesis and progression of head and neck squamous cell carcinoma. In *Histol Histopathol* on 2011 May by Xiao-Han Li, Akira Noguchi, et al..PMID: 21432775, , (2011)

[PMID:21432775](#)

el at., Anticancer effects of sodium butyrate on hepatocellular carcinoma cells in vitro. In *Int J Mol Med* on 2013 Apr by Hong-Gang Wang, Xiao-Dan Huang, et al..PMID:

23440283, , (2013)

[PMID:23440283](#)

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