

p21 Cip1 (pT145) Antibody

Catalogue No.: abx012052

Phospho-p21 Cip1 (Thr145) Antibody detects endogenous levels of p21 Cip1 only when phosphorylated at Threonine 145. This gene encodes a potent cyclin-dependent kinase inhibitor. The encoded protein binds to and inhibits the activity of cyclin-CDK2 or -CDK4 complexes, and thus functions as a regulator of cell cycle progression at G1. The expression of this gene is tightly controlled by the tumor suppressor protein p53, through which this protein mediates the p53-dependent cell cycle G1 phase arrest in response to a variety of stress stimuli.

Target:	p21 Cip1 (pT145)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Tested Applications:	WB
Recommended dilutions:	Optimal dilutions/concentrations should be determined by the end user.
Purification:	Purified by affinity chromatography.
Conjugation:	Unconjugated
Storage:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
Swiss Prot:	P38936
GeneID:	1026
Gene Symbol:	CDKN1A
OMIM:	116899
HGNC:	1784
Ensembl:	ENSG00000124762
Buffer:	PBS, pH 7.4, 150 mM NaCl, 0.02% sodium azide and 50% glycerol.
Note:	This product is for research use only.