

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

35-1193: Polyclonal Antibody to p21Cip1 (Phospho-Thr145)

Clonality: Polyclonal
Application: IHC
Reactivity: Human
Gene: CDKN1A
Gene ID: 1026
Uniprot ID: P38936

Alternative Name: CAP20, CDK-interacting protein 1, CDKN1, CDKN1A, CDN1A

Isotype: Rabbit IgG

Immunogen Information: Peptide sequence around phosphorylation site of threonine 145 (R-Q-T(p)-S-M) derived from

Human p21Cip1.

Purified

Description

Format:

May be the important intermediate by which p53 mediates its role as an inhibitor of cellular proliferation in response to DNA damage. Binds to and inhibits cyclin-dependent kinase activity, preventing phosphorylation of critical cyclin-dependent kinase substrates and blocking cell cycle progression.

Product Info

Amount : 50 μl / 100 μl

Content: Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM

NaCl, 0.02% sodium azide and 50% glycerol.

Storage condition : Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid

repeated freeze and thaw cycles.

Application Note

Predicted MW: 21kd, Immunohistochemistry: 1:50~1:100

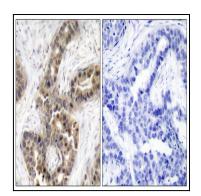


Figure 1: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using p21Cip1(Phospho-Thr145) Antibody 35-1193 (left) or the same antibody preincubated with blocking peptide(right).