

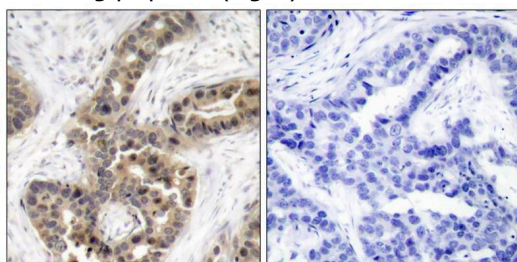
Anti-Phospho-CDKN1A (Thr145) Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

Applications

Verified Activity: 1. Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using p21Cip1 (Phospho-Thr145) Antibody TMAC-02942 (left) or the same antibody preincubated with blocking peptide (right).



Application: IHC

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Peptide sequence around phosphorylation site of threonine 145 (R-Q-T(p)-S-M) derived from Human p21Cip1

Antigen Species: Human

Uniprot ID: P38936

Synonyms: p-CDKN1A (T145);CDKN1A (p-T145);CDKN1A (p-Thr145);p-CDKN1A (Thr145)

Research Background

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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