

## Anti-p-SKP2(Ser64 ) Rabbit pAb



WLA0634

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

**Product name** Anti-p-SKP2(Ser64 ) Rabbit pAb**Source** Rabbit**Species reactivity** Human, Mouse, Rat

**Tested applications**

|         |              |
|---------|--------------|
| WB      | 1:500-1:1000 |
| IHC, IF | 1:50-1:200   |

**Cellular localization** Cytoplasm, Nucleus.**Pack size** 50/100/200/500/1000μl**Storage** Store at -20°C. **Avoid freeze/thaw cycles.**

**Storage buffer**

Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide

## General Information

**Background**

Skp2 contains 424 residues in total with the approximate 40 amino acid F-box domain lying closer to the N-terminal region at the 94-140 position and the C-terminal region forming a concave surface consisting of ten leucine-rich repeats (LRRs). The F-box proteins constitute one of the four subunits of ubiquitin protein ligase complex called SCFs. In this SCF complex, Skp2 acts as the substrate recognition factor. Skp2 forms a stable complex with the cyclin A-CDK2 S-phase kinase. It specifically recognizes and promotes the degradation of phosphorylated cyclin-dependent kinase inhibitor 1B predominantly in S, G2 phase, and the initial part of the M phase. Overexpression of Skp2 results in increased CDK activity and contributes to the deregulated proliferation and genetic instabilities typical of cancer cells.

**Immunogen**

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of p-SKP2(Ser64 ).

**Purification**

Polyclonal antibody was purified by immunogen affinity chromatography.

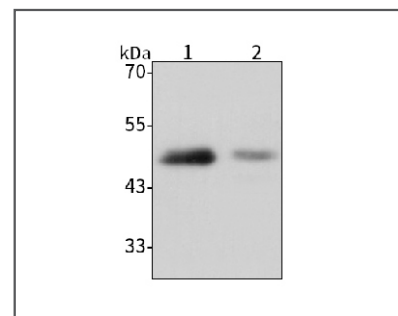
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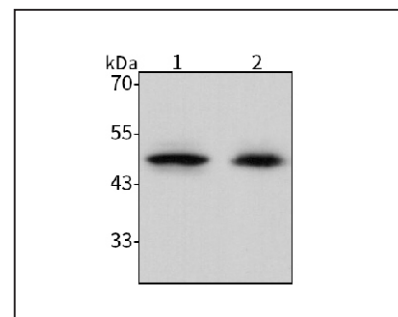
## Product Images

**Western blot-Anti-p-SKP2(Ser64 ) pAb****Lane 1:** Human Hela cell lysate**Lane 2:** Human THP-1 cell lysate**All lanes:** Anti-p-SKP2(Ser64 ) at 1:1000 dilution

Lysates/proteins at 20-50 μg per lane

Predicted band size: 48 kDa

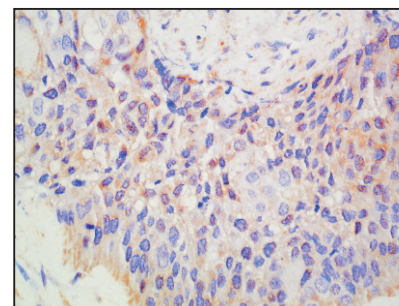
Observed band size: 48 kDa

**Western blot-Anti-p-SKP2(Ser64 ) pAb****Lane 1:** Mouse colon tissue lysate**Lane 2:** Rat stomach tissue lysate**All lanes:** Anti-p-SKP2(Ser64 ) at 1:1000 dilution

Lysates/proteins at 20-50 μg per lane

Predicted band size: 48 kDa

Observed band size: 48 kDa

**Immunohistochemistry-Anti-p-SKP2(Ser64 ) pAb**

Immunohistochemical analysis of paraffin-embedded human esophageal cancer using anti-p-SKP2(Ser64 ) Rabbit Antibody at 1:100 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

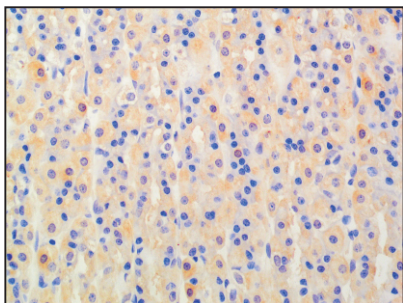
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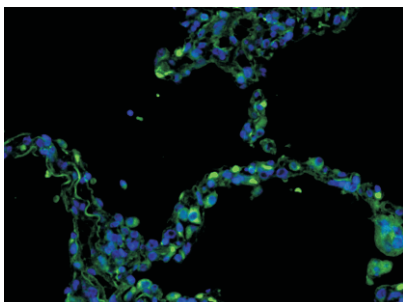
### Product Information



#### Immunohistochemistry-Anti-p-SKP2(Ser64 ) pAb

Immunohistochemical analysis of paraffin-embedded rat stomach using anti-p-SKP2(Ser64 ) Rabbit Antibody at 1:100 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



#### Immunofluorescence-Anti-p-SKP2(Ser64 ) pAb

Immunofluorescence analysis of paraffin-embedded human lung cancer using anti-p-SKP2(Ser64 ) Rabbit Antibody at 1:100 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0