

SP1

Reactivity: Human

Tested applications: WB IHC ICC

Recommended Dilution: WB 1:1000 - 1:2000 IHC 1:100 - 1:200 ICC 1:100 - 1:200

Calculated MW: 90kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human SP1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

hik

Synonym:

SP1; Transcription factor Sp1;

Catalog #: A5591

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 6667

Isotype: IgG

Swiss Prot: P08047

Purity: Affinity purification

For research use only.

Background:

The protein encoded by this gene is a zinc finger transcription factor that binds to GC-rich motifs of many promoters. The encoded protein is involved in many cellular processes, including cell differentiation, cell growth, apoptosis, immune responses, response to DNA damage, and chromatin remodeling. Post-translational modifications such as phosphorylation, acetylation, glycosylation, and proteolytic processing significantly affect the activity of this protein, which can be an activator or a repressor. Three transcript variants encoding different isoforms have been found for this gene.

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