

## 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.

*To place an order, please [Click HERE](#).*