

SP1 Ab

[References\(4\)](#) [Images\(15\)](#)

Cat.#: AF6121	Concn.: ~1mg/ml	Mol.Wt.: 90kDa
Size:	Source: Rabbit	Clonality: Polyclonal

Application: WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500
*The optimal dilutions should be determined by the end user.

Reactivity: Human,Mouse,Rat

Storage: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification: The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Immunogen: A synthesized peptide derived from human SP1, corresponding to a region within the internal amino acids.

Uniprot: P08047

Description: SP1 is a transcription factor of the Sp1 C2H2-type zinc-finger protein family. Phosphorylated and activated by MAPK. Dephosphorylation by PTEN inhibits DNA binding. Binds to p38 in the nucleus.

Western blot analysis of extracts from various samples, using SP1 Ab.
Lane 1: Mc-3t3-e1 cells(heat-shock treatment), blocked with antigen-specific peptides.
Lane 2: Mc-3t3-e1 cells(heat-shock treatment).
Lane 3: Mcf7 cells(h2o2 treatment).

AF6121 at 1/100 staining Rat testis tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4°C overnight. An HRP conjugated anti-Rabbit Ab was used as the secondary Ab.

immunofluorescence analysis of SP1 expression in Rat retina tissue.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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