

# SP2 antibody - N-terminal region

Rabbit Polyclonal Antibody Catalog # Al10086

### Specification

# SP2 antibody - N-terminal region - Product Information

Application Primary Accession Other Accession Reactivity

Predicted

Host Clonality Calculated MW WB <u>O02086</u> <u>O02086</u>, <u>AAH05914</u>, <u>NM\_003110</u> Human, Mouse, Rat, Rabbit, Pig, Dog, Horse, Bovine, Yeast Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine Rabbit Polyclonal 27 kDa KDa

### SP2 antibody - N-terminal region - Additional Information

Gene ID 6668

Other Names Transcription factor Sp2, SP2, KIAA0048

#### Target/Specificity

SP2 is a member of the Sp subfamily of Sp/XKLF transcription factors. Sp family proteins are sequence-specific DNA-binding proteins characterized by an amino-terminal trans-activation domain and three carboxy-terminal zinc finger motifs. This protein contains the least conserved DNA-binding domain within the Sp subfamily of proteins, and its DNA sequence specificity differs from the other Sp proteins. It localizes primarily within subnuclear foci associated with the nuclear matrix, and can activate or in some cases repress expression from different promoters.

#### Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

#### **Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-SP2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.

### **Precautions**

SP2 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

### SP2 antibody - N-terminal region - Protein Information

Name SP2

Synonyms KIAA0048



Function

Binds to GC box promoters elements and selectively activates mRNA synthesis from genes that contain functional recognition sites.

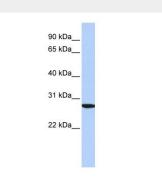
Cellular Location Nucleus.

# SP2 antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- <u>Flow Cytomety</u>
- <u>Cell Culture</u>

# SP2 antibody - N-terminal region - Images



SP2 antibody - N-terminal region (Al10086) in Human HepG2 cells using Western Blot WB Suggested Anti-SP2 Antibody Titration: 0.2-1  $\mu$ g/ml ELISA Titer: 1:312500 Positive Control: HepG2 cell lysate

### SP2 antibody - N-terminal region - Background

This is a rabbit polyclonal antibody against SP2. It was validated on Western Blot using a cell lysate as a positive control. Abgent strives to provide antibodies covering each member of a whole protein family of your interest. We also use our best efforts to provide you antibodies recognize various epitopes of a target protein. For availability of antibody needed for your experiment, please inquire (sales@abgent.com).