

**SP2 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP13121b****Specification**

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**SP2 Antibody (C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">Q02086</a>
Other Accession	<a href="#">Q9D2H6</a> , <a href="#">NP_003101.3</a>
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	64900
Antigen Region	498-526

**SP2 Antibody (C-term) - Additional Information****Gene ID** 6668**Other Names**

Transcription factor Sp2, SP2, KIAA0048

**Target/Specificity**

This SP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 498-526 amino acids from the C-terminal region of human SP2.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

SP2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**SP2 Antibody (C-term) - 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**

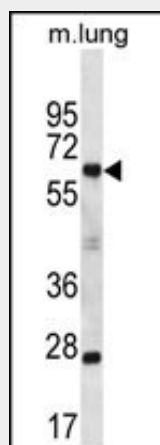
Nucleus.

**SP2 Antibody (C-term) - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**SP2 Antibody (C-term) - Images**



SP2 Antibody (C-term) (Cat. #AP13121b) western blot analysis in mouse lung tissue lysates (35ug/lane). This demonstrates the SP2 antibody detected the SP2 protein (arrow).

**SP2 Antibody (C-term) - Background**

This gene encodes 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.

**SP2 Antibody (C-term) - References**

Ito, H., et al. Biochim. Biophys. Acta 1789 (11-12), 681-690 (2009) :

Wheeler, H.E., et al. PLoS Genet. 5 (10), E1000685 (2009) :  
Letourneur, M., et al. Mol. Immunol. 46 (11-12), 2151-2160 (2009) :  
Sun, J.M., et al. J. Biol. Chem. 282(45):33227-33236(2007)  
Das, A., et al. J. Biol. Chem. 281(51):39105-39113(2006)