10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

Specification

SP2 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q02086
Other Accession	Q9D2H6, NP_003101.3
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
E~~Use at an assay dependent concentration.

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.

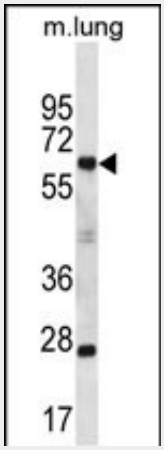
Cellular Location
Nucleus.

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 Cytomety
- 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) :
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Sun, J.M., et al. J. Biol. Chem. 282(45):33227-33236(2007)
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