

# SP2 transcription factor Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56758

## **Specification**

## SP2 transcription factor Polyclonal Antibody - Product Information

Application IHC-P, IHC-F, IF, ICC, E

Primary Accession

Host

Clonality

Calculated MW

Physical State

Q02086

Rabbit

Polyclonal

65 KDa

Liquid

Immunogen KLH conjugated synthetic peptide derived

from human SP2 transcription factor

Epitope Specificity 341-440/613

lsotype IgG

Purity

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02%

Proclin300 and 50% Glycerol.

SUBCELLULAR LOCATION Nucleus.

SIMILARITY Belongs to the Sp1 C2H2-type zinc-finger

protein family. Contains 3 C2H2-type zinc

fingers.

Important Note This product as supplied is intended for

research use only, not for use in human, therapeutic or diagnostic applications.

### **Background Descriptions**

affinity purified by Protein A

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. [provided by RefSeq, Jul 2008]

### SP2 transcription factor Polyclonal Antibody - Additional Information

#### **Gene ID** 6668

## **Other Names**

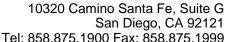
Transcription factor Sp2, SP2, KIAA0048

### **Dilution**

<span class ="dilution IHC-P">IHC-P~~N/A</span><br \><span class</pre>

="dilution\_IHC-F">IHC-F~~N/A</span><br \><span class

="dilution\_IF">IF $\sim$ 1:50 $\sim$ 200</span><br \><span class ="dilution\_ICC">ICC $\sim$ N/A</span><br \><span class ="dilution\_E">E $\sim$ N/A</span>





## **Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

# SP2 transcription factor Polyclonal Antibody - 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** 

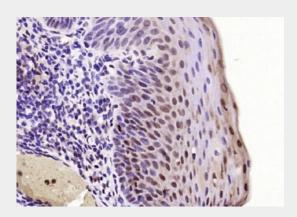
Nucleus.

## **SP2 transcription factor Polyclonal Antibody - Protocols**

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

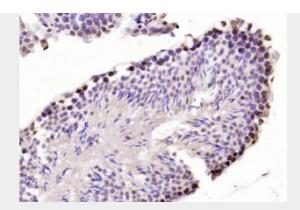
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## SP2 transcription factor Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (human tonsil); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (SP2 transcription factor) Polyclonal Antibody, Unconjugated (bs-17612R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.





Paraformaldehyde-fixed, paraffin embedded (mouse testis); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (SP2 transcription factor) Polyclonal Antibody, Unconjugated (bs-17612R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.