

For Research Use Only

# SP2 Polyclonal antibody

Catalog Number: 25000-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 25000-1-AP	<b>GenBank Accession Number:</b> BC016680	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 500 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 6668	<b>Recommended Dilutions:</b> WB 1:200-1:1000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q02086	
<b>Isotype:</b> IgG	<b>Full Name:</b> Sp2 transcription factor	
<b>Immunogen Catalog Number:</b> AG8060	<b>Calculated MW:</b> 65 kDa	
	<b>Observed MW:</b> 72 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : Jurkat cells, HEK-293 cells, K-562 cells, C6 cells
<b>Cited Applications:</b> IHC	
<b>Species Specificity:</b> human, rat	
<b>Cited Species:</b> human	

## Background Information

SP2 also named as Sp2 transcription factor or KIAA0048 is a 613 amino acid protein, which contains 3 C2H2-type zinc fingers and belongs to the sp1 C2H2-type zinc finger protein family. SP2 binds to box promoters elements and selectively activates mRNA synthesis from genes that contain functional recognition sites in nucleus . SP2 may regulate expression of the T-cell antigen receptor (TCR) gene.

## Notable Publications

Author	Pubmed ID	Journal	Application
Rebecca Garnham	38448753	Commun Biol	IHC

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

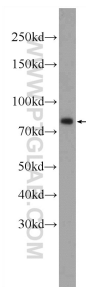
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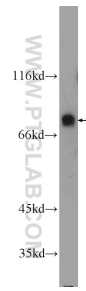
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## Selected Validation Data



K-562 cells were subjected to SDS PAGE followed by western blot with 25000-1-AP (SP2 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Jurkat cells were subjected to SDS PAGE followed by western blot with 25000-1-AP (SP2 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.