

SP2 Polyclonal antibody

Catalog Number: 25000-1-AP

1 Publications

Basic Information

Catalog Number:

25000-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8060

GenBank Accession Number:

BC016680

GeneID (NCBI):

6668

UNIPROT ID:

Q02086

Full Name:

Sp2 transcription factor

Calculated MW:

65 kDa

Observed MW:

72 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

IHC

Species Specificity:

human, rat

Cited Species:

human

Positive Controls:

WB : Jurkat cells, HEK-293 cells, K-562 cells, C6 cells

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:

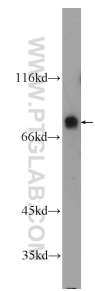
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

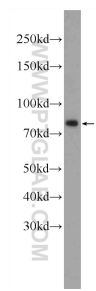
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



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.



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.