

A16431

Leader in Biomolecular Solutions for Life Science



SP4 Rabbit pAb

Catalog No.: A16431

Basic Information

Observed MW

82kDa

Calculated MW

82kDa

Category

Polyclonal Antibody

Applications

WB,ELISA

Cross-Reactivity

Human,Mouse,Rat

Background

The protein encoded by this gene is a transcription factor that can bind to the GC promoter region of a variety of genes, including those of the photoreceptor signal transduction system. The encoded protein binds to the same sites in promoter CpG islands as does the transcription factor SP1, although its expression is much more restricted compared to that of SP1. This gene may be involved in bipolar disorder and schizophrenia.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

6671

Swiss Prot

Q02446

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 280-440 of human SP4 (NP_003103.2).

Synonyms

HF1B; SPR-1; SP4

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

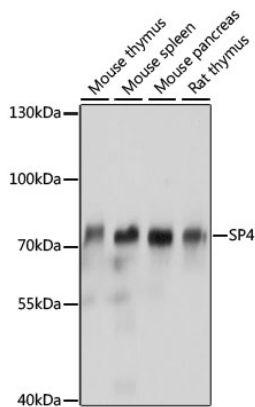
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of various lysates using SP4 Rabbit pAb (A16431) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.