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# SP5 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9937b

## Product Information

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|---|---|
| **Application** | WB, FC, E |
| **Primary Accession** | Q6BEB4 |
| **Reactivity** | Human, Mouse |
| **Predicted** | Rat, Bovine, Canine |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | Rabbit IgG |
| **Clone Names** | RB15102 |
| **Calculated MW** | 41964 |
| **Antigen Region** | 369-398 |

## Additional Information

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|---|---|
| **Gene ID** | 389058 |
| **Other Names** | Transcription factor Sp5, SP5 |
| **Target/Specificity** | This SP5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 369-398 amino acids from the C-terminal region of human SP5. |
| **Dilution** | WB~~1:1000 FC~~1:10~50 E~~Use at an assay dependent concentration. |
| **Format** | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS. |
| **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** | SP5 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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|---|---|
| **Name** | SP5 |
| **Function** | Binds to GC boxes promoters elements. Probable transcriptional activator that has a role in the coordination of changes in transcription required to generate pattern in the developing embryo (By similarity). |

**Cellular Location** Nucleus.

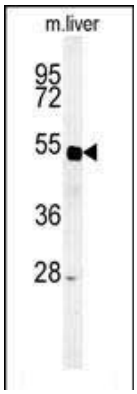
## Background

SP5 binds to GC boxes promoters elements. SP5 probable transcriptional activator that has a role in the coordination of changes in transcription required to generate pattern in the developing embryo.

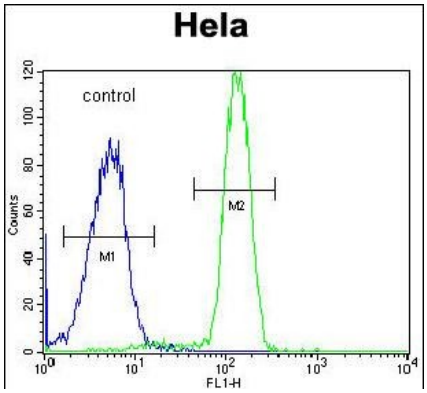
## References

Chen, Y., et al. Biochem. Biophys. Res. Commun. 340(3):758-766(2006)
Suske, G., et al. Genomics 85(5):551-556(2005)

## Images




Western blot analysis of SP5 Antibody (C-term) (Cat. #AP9937b) in mouse liver tissue lysates (35ug/lane).SP5 (arrow) was detected using the purified Pab.




SP5 Antibody (C-term) (Cat. #AP9937b) flow cytometric analysis of Hela cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.