

Datasheet for ABIN3043013  
**anti-SP4 antibody (N-Term)**[Go to Product page](#)

## 1 Image

## Overview

|                      |                                    |
|----------------------|------------------------------------|
| Quantity:            | 100 µg                             |
| Target:              | SP4                                |
| Binding Specificity: | AA 29-44, N-Term                   |
| Reactivity:          | Human, Rat                         |
| Host:                | Rabbit                             |
| Clonality:           | Polyclonal                         |
| Conjugate:           | This SP4 antibody is un-conjugated |
| Application:         | Western Blotting (WB)              |

## Product Details

|                             |  |
|-----------------------------|--|
| Purpose:                    | Rabbit IgG polyclonal antibody for Transcription factor Sp4(SP4) detection. Tested with WB in Human, Mouse, Rat.   |
| Immunogen:                  | A synthetic peptide corresponding to a sequence at the N-terminus of human SP4 (29-44aa ENNNKKPKTSGSQDSQ), identical to the related rat sequence, and different from the related mouse sequence by one amino acid. |
| Sequence:                   | ENNNKKPKTS GSQDSQ  |
| Isotype:                    | IgG  |
| Cross-Reactivity (Details): | <p>Predicted Cross Reactivity: mouse</p> <p>No cross reactivity with other proteins.</p> <p>Predicted Cross Reactivity: Species predicted to be fit for the product based on sequence similarities.</p>            |

## Product Details

|                  |   |
|------------------|---|
| Characteristics: | Rabbit IgG polyclonal antibody for Transcription factor Sp4(SP4) detection. Tested with WB in Human,Mouse,Rat.<br>Gene Name: Sp4 transcription factor<br>Protein Name: Transcription factor Sp4 |
| Purification:    | Immunogen affinity purified.  |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | SP4  |
| Alternative Name: | SP4 ( <a href="#">SP4 Products</a> )   |
| Background:       | <p>SP4(Sp4 transcription factor), also known as Transcription factor Sp4, MGC130008, MGC130009, SPR-1, HF1B, is a protein that in humans is encoded by the SP4 gene. It is a multigene family of SP proteins. Northern blot analysis that SP4 is abundantly expressed as a 7.5-kb message in brain, but barely detectable in other human cell lines. SP4 is an activator protein like SP1. However, in contrast to SP1, SP4 is not able to act synergistically through adjacent binding sites.</p> <p>Synonyms: HF1B antibody MGC130008 antibody MGC130009 antibody Sp4 antibody SP4_HUMAN antibody SPR-1 antibody SPR1 antibody Transcription factor Sp4 antibody</p> |
| UniProt:          | <a href="#">Q02446</a>   |

## Application Details

|                    |   |
|--------------------|---|
| Application Notes: | WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, Rat, Predicted Species: Mouse<br>Notes: Tested Species: Species with positive results. Predicted Species: Species predicted to be fit for the product based on sequence similarities.<br>Other applications have not been tested. Optimal dilutions should be determined by end users. |
| Comment:           | Antibody can be supported by chemiluminescence kit ABIN921124 in WB.  |
| Restrictions:      | For Research Use only   |

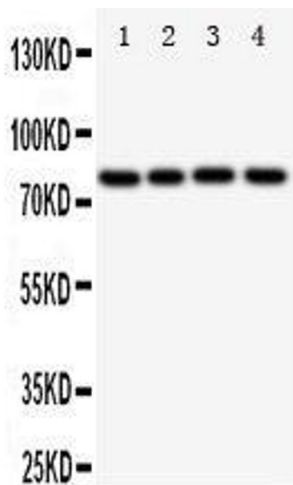
## Handling

|                 |  |
|-----------------|--|
| Format:         | Lyophilized  |
| Reconstitution: | Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL. |

## Handling

|                    |   |
|--------------------|---|
| Concentration:     | 500 µg/mL   |
| Buffer:            | Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Thimerosal, 0.05 mg Sodium azide.   |
| Preservative:      | Thimerosal (Merthiolate), Sodium azide  |
| Precaution of Use: | This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.                                  |
| Handling Advice:   | Avoid repeated freezing and thawing.  |
| Storage:           | 4 °C/-20 °C   |
| Storage Comment:   | At -20°C for one year. After reconstitution, at 4°C for one month.<br>It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing. |
| Expiry Date:       | 12 months   |

## Images



Western Blotting

Image 1.