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Datasheet for ABIN5010891

## anti-SP6 antibody (AA 201-300) (Alexa Fluor 680)

### Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | SP6  |
| Binding Specificity: | AA 201-300   |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This SP6 antibody is conjugated to Alexa Fluor 680   |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

### Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | KLH conjugated synthetic peptide derived from human SP6 |
| Isotype:              | IgG   |
| Predicted Reactivity: | Human,Mouse,Rat,Dog,Cow,Pig,Horse                       |
| Purification:         | Purified by Protein A.                                  |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | SP6  |
| Alternative Name: | SP6 ( <a href="#">SP6 Products</a> )   |
| Background:       | Synonyms: MGC119665, Epfn, EPIPROFIN, KLF14, Krueppel-like factor 14, MGC119662, |

## Target Details

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MGC119663, MGC119664, Sp6, Sp6 transcription factor, SP6\_HUMAN, Transcription factor Sp6.

Background: Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. Sp6, also known as EPFN, EPIPROFIN or KLF14, is a 376 amino acid protein that localizes to the nucleus and contains three C2H2-type zinc fingers. Expressed ubiquitously with higher expression in developing teeth, hair follicles and limb buds, Sp6 functions to bind GC-rich sequences and related GT and CACCC boxes, thereby promoting cellular proliferation. Human Sp6 shares 96 % sequence homology with its mouse counterpart, suggesting a conserved role between species. The gene encoding Sp6 maps to human chromosome 17, which comprises over 2.5 % of the human genome and encodes over 1,200 genes.

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months