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Datasheet for ABIN5010892

anti-SP6 antibody (AA 201-300) (Alexa Fluor 750)

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 750
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 (SP6 Products)
Background:	Synonyms: MGC119665, Epfn, EPIPROFIN, KLF14, Krueppel-like factor 14, MGC119662,

Target Details

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

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

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