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Rabbit Anti-SP6/KLF14 antibody

SL12704R

Product Name:	SP6/KLF14
Chinese Name:	转录因子SP6抗体
Alias:	MGC119665; Epfn; EPIPROFIN; KLF14; Krueppel-like factor 14; MGC119662; MGC119663; MGC119664; Sp6; Sp6 transcription factor; SP6_HUMAN; Transcription factor Sp6.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	40kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SP6:201-300/376
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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. **Function:** Promotes cell proliferation. **Subcellular Location:** Nucleus. **Tissue Specificity:** Ubiquitous. **Similarity:** Belongs to the Sp1 C2H2-type zinc-finger protein family. Contains 3 C2H2-type zinc fingers. **SWISS:** Q3SY56 **Gene ID:** 80320 **Database links:** Entrez Gene: 80320 Human Entrez Gene: 83395 Mouse Omim: 608613 Human SwissProt: Q3SY56 Human SwissProt: Q9ESX2 Mouse Unigene: 253603 Human Unigene: 156282 Mouse Unigene: 476096 Mouse **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
