SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-Transcription factor Sp5 antibody

Catalog Number: SL8742R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Transcription factor Sp5
Immunogen:	KLH conjugated synthetic peptide derived from human Transcription factor Sp5: 51-150/398
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Preservative: 15mM Sodium Azide, Constituents: 1% BSA, 1M PBS, pH 7.4 Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse(predicted:Human,Rat)
Predicted MW.:	42kDa
Subcellular Location:	The nucleus
Background:	Sp5 is a member of the Sp family of zinc finger transcription factors. Like other family members, the Sp5 protein contains a Cys2His2 zinc finger DNA binding domain at the C-terminus. Elevated expression of Sp5 has been noted in several human tumors including hepatocellular carcinoma, gastric cancer and colon cancer. **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). **Subcellular Location:** Nuclear. **Similarity:** Belongs to the Sp1 C2H2-type zinc-finger protein family. Contains 3 C2H2-type zinc fingers. **Database links:** **Entrez Gene:** 389058 Human **Entrez Gene:** 64406 Mouse

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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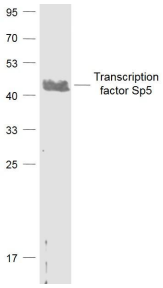
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	Omim: 609391 Human **SwissProt:** Q6BEB4 Human **SwissProt:** Q9JHX2 Mouse

[VALIDATION IMAGES]



Sample:
Kidney (Mouse) Lysate at 40 ug
Primary: Anti-Transcription factor Sp5 (SL8742R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 42 kD
Observed band size: 42 kD

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