SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-SOX13 antibody

Catalog Number: SL11586R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	SOX13
Immunogen:	KLH conjugated synthetic peptide derived from human ICA12: 401-500/622
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 IHC-P=1:100-500 IHC-F=1:100-500 ICC/IF=1:100-500 IF=1:100-500 ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human, Mouse, Rat, Chicken, Dog, Horse)
Predicted MW.:	69kDa
Subcellular Location:	The nucleus
Background:	This gene encodes a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of cell fate. The encoded protein may act as a transcriptional regulator after forming a protein complex with other proteins. It has also been determined to be a type-1 diabetes autoantigen, also known as islet cell antibody 12. [provided by RefSeq, Jul 2008] **Function:** Binds to the sequence 5'-AACAAT-3'. **Subcellular Location:** Nucleus. **Tissue Specificity:** Highly expressed in kidney, lung, and liver and low expression in thymus, brain, spleen, and muscle.

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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	Similarity: Contains 1 HMG box DNA-binding domain. **Database links:** **Entrez Gene:** 9580 Human **Entrez Gene:** 20668 Mouse **Entrez Gene:** 289026 Rat Omim: 604748 Human **SwissProt:** Q9UN79 Human **SwissProt:** Q04891 Mouse **Unigene:** 201671 Human **Unigene:** 8575 Mouse

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