



Rabbit Anti-SOX13 antibody

SL11586R

Product Name:	SOX13
Chinese Name:	胰岛细胞抗原12/核转录因子SOX13抗体
Alias:	ICA 12; ICA12; Islet cell antibody 12; Islet cell antigen 12; MGC117216; SOX 13; SOX 13 protein; sox13; SOX13 protein; SOX13_HUMAN; SRY (Sex determining region Y)-box 13; SRY box 13; SRY box containing gene 13; SRY related HMG box gene 13; SRY sex determining region Y box 13; Transcription factor SOX 13; Transcription factor Sox-13; Type 1 diabetes autoantigen; Type 1 diabetes autoantigen ICA 12; Type 1 diabetes autoantigen ICA12.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,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:	69kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ICA12:401-500/622
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:	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'-AACAAAT-3'.

Subcellular Location:

Nucleus.

Tissue Specificity:

Highly expressed in kidney, lung, and liver and low expression in thymus, brain, spleen, and muscle.

Similarity:

Contains 1 HMG box DNA-binding domain.

SWISS:

Q9UN79

Gene ID:

9580

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

Important Note:

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

