

Datasheet for ABIN2778090
anti-SOX13 antibody (Middle Region)



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1 Image

Overview

Quantity:	100 µL
Target:	SOX13
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Horse, Dog, Cow, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOX13 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human SOX13
Sequence:	PVIVNTCSLR EEGEGTDDRH SVADGEMYRY SEDEDSEGEE KSDGELVLT
Predicted Reactivity:	Cow: 93%, Dog: 87%, Guinea Pig: 100%, Horse: 87%, Human: 100%, Mouse: 100%, Rabbit: 80%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against SOX13. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	SOX13
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Target Details

Alternative Name:	SOX13 (SOX13 Products)
Background:	SOX13 is 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. Alias Symbols: ICA12, MGC117216, SRY-box 13, Sox-13 Protein Interaction Partner: YTHDC1, SMAD7, CTBP2, SOX13, Protein Size: 622
Molecular Weight:	69 kDa
Gene ID:	9580
NCBI Accession:	NM_005686 , NP_005677
UniProt:	Q9UN79

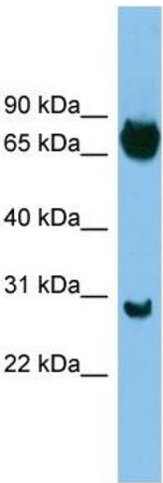
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 622 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-SOX13 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: ACHN cell lysate