

Datasheet for ABIN2781184
anti-SOX17 antibody (Middle Region)



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3 Images

1 Publication

Overview

Quantity:	100 µL
Target:	SOX17
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOX17 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human SOX17
Sequence:	RTEFEQYLHF VCKPEMGLPY QGHDSGVNLP DSHGAISSVV SDASSAVYYC
Predicted Reactivity:	Dog: 86%, Guinea Pig: 93%, Human: 100%, Mouse: 86%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against SOX17. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	SOX17
Alternative Name:	SOX17 (SOX17 Products)

Target Details

Background: The SOX17 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 the cell fate. The encoded protein may act as a transcriptional regulator after forming a protein complex with other proteins. 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 the cell fate. The encoded protein may act as a transcriptional regulator after forming a protein complex with other proteins.

Alias Symbols: FLJ22252, VUR3

Protein Interaction Partner: CTNNB1,

Protein Size: 414

Molecular Weight: 44 kDa

Gene ID: 64321

NCBI Accession: [NM_022454](#), [NP_071899](#)

UniProt: [Q9H6I2](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 414 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

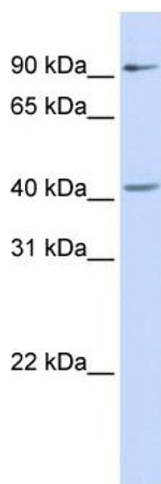
Handling

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.

Publications

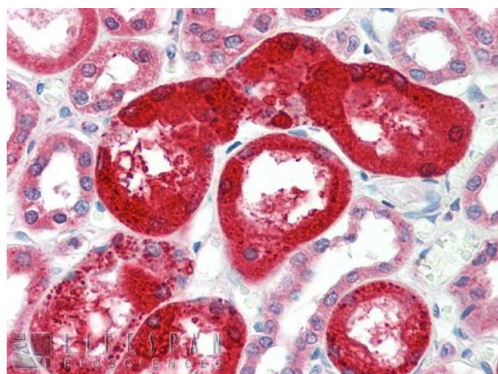
Product cited in: Kallas, Pook, Trei, Maimets: "SOX2 Is Regulated Differently from NANOG and OCT4 in Human Embryonic Stem Cells during Early Differentiation Initiated with Sodium Butyrate." in: **Stem cells international**, Vol. 2014, pp. 298163, (2014) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-SOX17 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: HeLa cell lysate

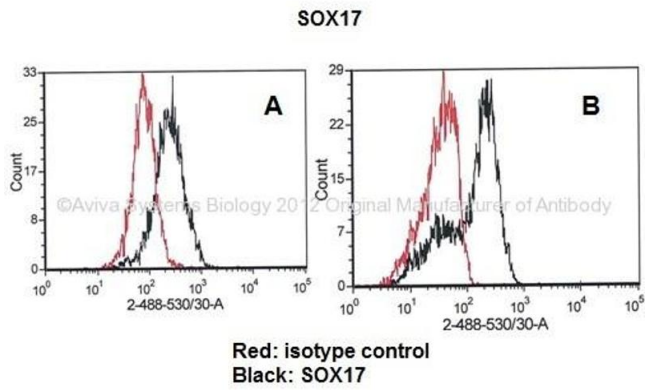


Rabbit Anti-SOX17 Antibody
Catalog Number: ARP39552
Lot Number: QC10777
Paraffin Embedded Tissue: Human Kidney
Antibody Concentration: 5.0 µg/ml

Data courtesy of Lifespan Biosciences, Inc.

Immunohistochemistry

Image 2. Rabbit Anti-SOX17 Antibody Paraffin Embedded Tissue: Human Kidney Antibody Concentration: 5 ug/ml



Flow Cytometry

Image 3. Researcher: Dr. Ade Kallas, University of tartu
 Application: Flow Cytometry Species + Tissue/Cell type: A. Human H9 cells and B. Human H9 cells+Na+Butyrate
 Primary antibody dilution: 2ug+1x10⁶ cells Secondary antibody: Chicken anti rabbit-Alexa Fluor 488 Secondary antibody dilution: 1:1000