

Datasheet for ABIN2781184
anti-SOX17 antibody (Middle Region)[Go to Product page](#)

3 Images

1 Publication

Overview

Quantity:	100 µL
Target:	SOX17
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Dog, Rat, 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:	<p>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.</p> <p>Alias Symbols: FLJ22252, VUR3</p> <p>Protein Interaction Partner: CTNNB1,</p> <p>Protein Size: 414</p>
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

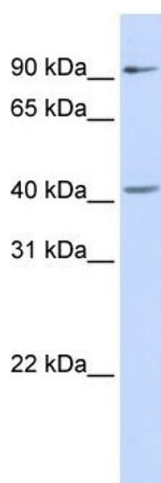
Handling

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

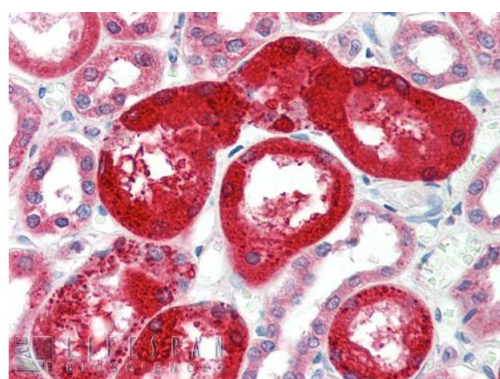
Product cited in: Ewing, Chu, Elisma, Li, Taylor, Climie, McBroom-Cerajewski, Robinson, OConnor, Li, Taylor, Dharsee, Ho, Heilbut, Moore, Zhang, Ornatsky, Bukhman, Ethier, Sheng, Vasilescu, Abu-Farha, Lambert, Duewel et al.: "Large-scale mapping of human protein-protein interactions by mass spectrometry. ..." in: **Molecular systems biology**, Vol. 3, pp. 89, (2007) ([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

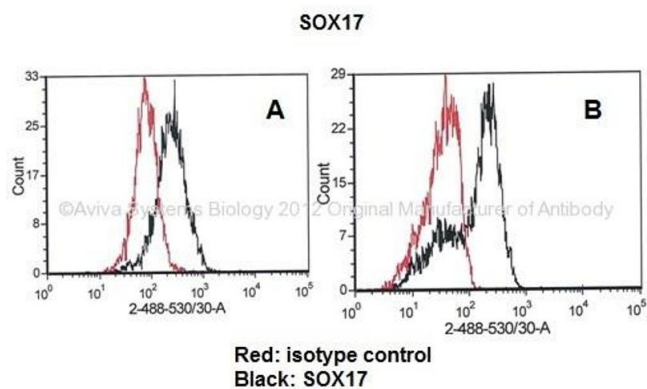


Rabbit Anti-SOX17 Antibody
Catalog Number: ARP39552
Lot Number: QC10777
Paraffin Embedded Tissue: Human Kidney
Antibody Concentration: 5.0 µg/ml

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