Rabbit SOX17 Polyclonal Antibody | anti-SOX17 antibody

SOX17 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198502	**Rabbit**	**Tested Species Reactivity: HumanPredicted Species Reactivity: Human, Mouse, Rat, Dog, Guinea Pig**	**Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

SOX17; Polyclonal Antibody; SOX17 antibody - middle region; anti-SOX17 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Dog, Guinea Pig
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml (varies by lot)
Sequence	Syntheticp eptideloca tedwithint hefollowin gregion:RT EFEQYLHFVC KPEMGLPYQG HDSGVNLPDS HGAISSVVSD ASSAVYYC
Sequence Length	414
Applicable Applications for anti-SOX17 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Homology	Dog: 86%; Guinea Pig: 93%; Human: 100%; Mouse: 86%; Rat: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human SOX17
Protein Size (# AA)	414 amino acids
Protein Interactions	CTNNB1;
Blocking Peptide	For anti-SOX17 antibody is Catalog #
Preparation and Storage	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.

IMAGES

WB (Western Blot)
WB Suggested Anti-SOX17 Antibody Titration: 0.2-1 ug/mlELISA Titer: 1:312500Positive Control: Hela cell lysate

IHC (Immunohiostchemistry)
Rabbit Anti-SOX17 AntibodyParaffin Embedded Tissue: Human KidneyAntibody Concentration: 5 ug/ml

FCM/FACS (Flow Cytometry)
Researcher: Dr. Ade Kallas, University of tartuApplication: Flow CytometrySpecies + Tissue/Cell type: A. Human H9 cells and B. Human H9 cells+Na+ButyratePrimary antibody dilution: 2ug+1x106 cellsSecondary antibody: Chicken anti rabbit-Alexa Fluor 488Secondary antibody dilution: 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-SOX17 antibody	This is a rabbit polyclonal antibody against SOX17. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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.
Product Categories/Family for anti-SOX17 antibody	Polyclonal; Transcription Regulation; Developmental Biology; Stem Cells; Various; Immunohistochemistry; WNT Signaling; Transcription Factors; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	11967991
NCBI GeneID	64321
NCBI Accession #	NP_071899
NCBI GenBank Nucleotide #	NM_022454
UniProt Accession #	Q9H6I2
Molecular Weight	44kDa
NCBI Official Full Name	transcription factor SOX-17
NCBI Official Synonym Full Names	SRY-box 17
NCBI Official Symbol	SOX17
NCBI Official Synonym Symbols	VUR3
NCBI Protein Information	transcription factor SOX-17
UniProt Protein Name	Transcription factor SOX-17
UniProt Gene Name	**SOX17**
UniProt Entry Name	SOX17_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/sox17-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/198502