Mouse SOX17 Monoclonal Antibody | anti-SOX17 antibody

SOX17 antibody

CATALOG #	HOST	APPLICATIONS
AAA107062	**Mouse**	**Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

SOX17; Monoclonal Antibody; SOX17 antibody; Monoclonal SOX17; Anti-SOX17; SRY box 17; Sex determining region Y; VUR3; FLJ22252; SRY-related HMG-box transcription factor SOX17; SOX 17; SOX-17; anti-SOX17 antibody

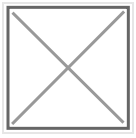
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	3B10
Purity/Purification	SOX17 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	414
Applicable Applications for anti-SOX17 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	SOX17 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 the cell fate. The encoded protein may act as a transcriptional regulator after forming a protein complex with other proteins.
Cross-Reactivity	Human
Immunogen	SOX17 antibody was raised in mouse using a human recombinant protein fragment corresponding to amino acids 177-414 of human SOX17 (NP_071899) produced in E Coli as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant SOX17 protein using SOX17 antibody

IHC (Immunohiostchemistry)
Immunohistochemical analysis of SOX17 protein in paraffin embedded Human liver tissue using SOX17 antibody



WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant SOX17 protein (Right) or empty vector (Left) detected with SOX17 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-SOX17 antibody	Mouse monoclonal SOX17 antibody
Product Categories/Family for anti-SOX17 antibody	Differentiation & Development

NCBI AND UNIPROT INFORMATION

NCBI GI #	11967991
NCBI GeneID	64321
NCBI Accession #	NP_071899
NCBI GenBank Nucleotide #	NM_022454.3
UniProt Accession #	Q9H6I2
Molecular Weight	44,117 Da
NCBI Official Full Name	transcription factor SOX-17
NCBI Official Synonym Full Names	SRY (sex determining region Y)-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/monoclonal/sox17-antibody-clone-3b10-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/107062