

Rabbit anti-Human, mouse Sox17 Polyclonal Antibody | anti-Sox17 antibody

(Mouse) Sox17 Antibody (C-term)

CATALOG # AAA288912	HOST Rabbit	REACTIVITY Human, mouse	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

Sox17; Polyclonal Antibody; (Mouse) Sox17 Antibody (C-term); Transcription factor SOX-17; Sox-17; anti-Sox17 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This mouse Sox17 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 353-387 amino acids from the C-terminal region of mouse Sox17.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Length	291
Applicable Applications for anti-Sox17 antibody	ELISA, WB (Western Blot)
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

All lanes : Anti-Sox17 Antibody (C-term) at 1:2000 dilution
Lane 1: F9 whole cell lysates
Lane 2: LNCap whole cell lysates
Lane 3: mouse testis lysates
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution
Predicted band size : 45 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.



WB (Western Blot)

Anti-Sox17 Antibody (C-term) at 1:2000 dilution + mouse testis lysates
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution
Predicted band size : 45 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-Sox17 antibody	Acts as transcription regulator that binds target promoter DNA and bends the DNA. Binds to the sequences 5'-AACAAAT-3' or 5'-AACAAAG-3'. Modulates transcriptional regulation via WNT3A. Inhibits Wnt signaling. Promotes degradation of activated CTNNB1. Plays a key role in the regulation of embryonic development. Required for normal looping of the embryonic heart tube. Required for normal development of the definitive gut endoderm. Probable transcriptional activator in the premeiotic germ cells. Isoform 2 (T-SOX17) shows no DNA-binding activity.
Product Categories/Family for anti-Sox17 antibody	Crown Antibodies; Stem Cells
References	Kanai Y.,et al.J. Cell Biol. 133:667-681(1996). Carninci P.,et al.Science 309:1559-1563(2005). Layfield R.,et al.Submitted (FEB-1994) to the EMBL/GenBank/DBJ databases. Kanai-Azuma M.,et al.Development 129:2367-2379(2002). Kim I.,et al.Cell 130:470-483(2007).

NCBI AND UNIPROT INFORMATION

NCBI GI #	575501715
NCBI GeneID	20671
NCBI Accession #	NP_001276393.1
NCBI GenBank Nucleotide #	NM_001289464.1
UniProt Accession #	Q61473; Q61472; Q62248
Molecular Weight	44646
NCBI Official Full Name	transcription factor SOX-17 isoform a
NCBI Official Synonym Full Names	SRY (sex determining region Y)-box 17
NCBI Official Symbol	Sox17
NCBI Protein Information	transcription factor SOX-17
UniProt Protein Name	Transcription factor SOX-17
UniProt Gene Name	Sox17
UniProt Synonym Gene Names	Sox-17
UniProt Entry Name	SOX17_MOUSE

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-western-blot-elisa/288912>