

Rabbit SOX5 Polyclonal Antibody | anti-SOX5 antibody

SOX5 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197566	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot

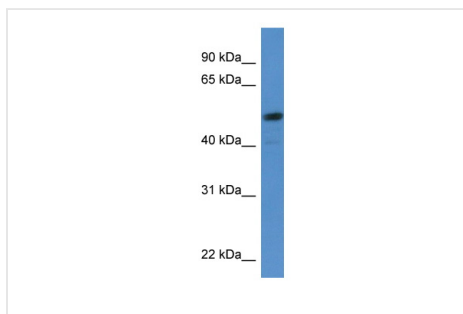
PRODUCT SYNONYMS

SOX5; Polyclonal Antibody; SOX5 antibody - C-terminal region; anti-SOX5 antibody

PRODUCT SPECIFICATIONS

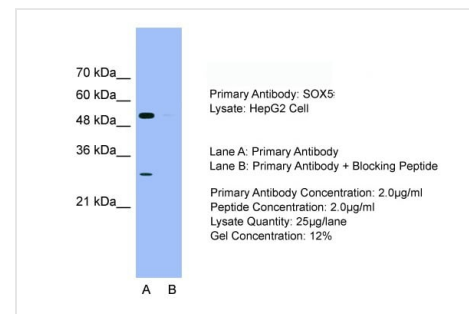
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Specificity	Designed to recognize all five isoforms of human SOX5 (84, 82, 42, 71 and 83kDa)
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide located within the following region: PE PGMPVIQSTY GVKGEEPHIK EEIQAEDING EIYDEYDEEE DDPDVDYG
Sequence Length	377
Applicable Applications for anti-SOX5 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 92%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human SOX5
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



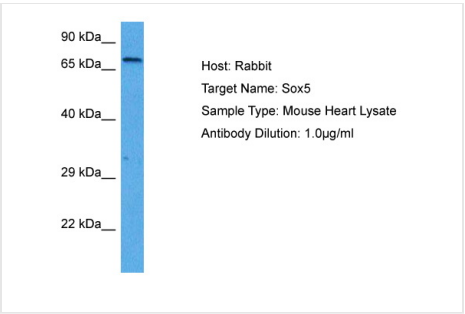
WB (Western Blot)

WB Suggested Anti-SOX5 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: HeLa cell lysate



WB (Western Blot)

Host: Rabbit
Target Name: SOX5
Sample Type: HepG2 cell lysates
Lane A: Primary Antibody
Lane B: Primary Antibody + Blocking Peptide
Primary Antibody Concentration: 2.0ug/ml
Peptide Concentration: 0.0ug/ml
Lysate Quantity: 25ug/lane
Gel Concentration: 12%



WB (Western Blot)
Host: MouseTarget Name: SOX5Sample Tissue: Mouse HeartAntibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-SOX5 antibody	This is a rabbit polyclonal antibody against SOX5. It was validated on Western Blot Target Description: SOX5 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. The encoded protein may play a role in chondrogenesis. A pseudogene of this gene is located on chromosome 8.
Product Categories/Family for anti-SOX5 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Transcription Regulation; Cell Biology; Stem Cells; Transcription Factors; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	30179883
NCBI GeneID	6660
NCBI Accession #	NP_821078
NCBI GenBank Nucleotide #	NM_178010
UniProt Accession #	P35711
Molecular Weight	42kDa
NCBI Official Full Name	Transcription factor SOX-5
NCBI Official Synonym Full Names	SRY-box 5
NCBI Official Symbol	SOX5
NCBI Official Synonym Symbols	L-SOX5; LAMSHF; L-SOX5B; L-SOX5F
NCBI Protein Information	transcription factor SOX-5
UniProt Protein Name	Transcription factor SOX-5
UniProt Gene Name	SOX5
UniProt Entry Name	SOX5_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.