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anti-SOX5 antibody (C-Term)



Images



Go to Product page

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Alternative Name:

Background:

Quantity:	100 μL
Target:	SOX5
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse, Cow, Chicken
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen for anti-SOX5 antibody: synthetic peptide directed towards the C terminal of human SOX5.
Sequence:	PEPGMPVIQS TYGVKGEEPH IKEEIQAEDI NGEIYDEYDE EEDDPDVDYG
Cross-Reactivity (Details):	Species reactivity (expected):Rat, Mouse, Bovine, ChickenSpecies reactivity (tested):Human
Purification:	Purified using peptide immunoaffinity column
Target Details	
Target:	SOX5

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

SOX5 (SOX5 Products)

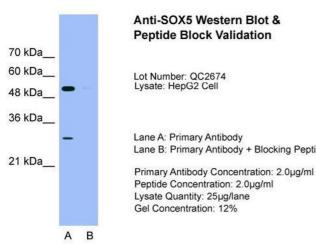
Target Details

	with other proteins. The encoded protein may play a role in chondrogenesis. A pseudogene of			
	this gene is located on chromosome 8.Synonyms: L-SOX5, SRY (sex determining region Y)-box			
	5, SRY-box 5, Transcription factor SOX-5			
Gene ID:	6660			
NCBI Accession:	NP_821078			

Application Details

Application Details			
Application Notes:	Optimal working dilution should be determined by the investigator.		
Restrictions:	For Research Use only		
Handling			
Reconstitution:	Add 50 µL of distilled water to a final concentration of 1 mg/mL.		
Handling Advice:	Avoid repeated freezing and thawing.		
Storage:	4 °C/-20 °C		
Storage Comment:	Store lyophilized at 2-8 °C or at -20 °C long term. After reconstitution store the antibody undiluted at 2-8 °C for up to one month or in aliquots at -20 °C long term.		

Images



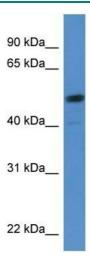
Anti-SOX5 Western Blot & Peptide Block Validation

Lane B: Primary Antibody + Blocking Peptide

Peptide Concentration: 2.0µg/ml Lysate Quantity: 25µg/lane Gel Concentration: 12%

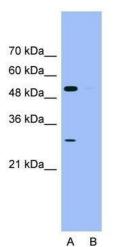
Western Blotting

Image 1. HepG2; Host: Rabbit. Target Name:SOX5. Sample Tissue:HepG2. Lane A: Primary Antibody . Lane B: Primary Antibody + Blocking Peptide Primary Antibody Concentration: 2.0 ug/mL. Peptide Concentration: 2.0 ug/mL. Lysate Quantity: 25ug/lane. Gel Concentration: 12%.; SOX5 antibody - C-terminal region in HepG2 cells using Western Blot



Western Blotting

Image 2. Human HeLa; WB Suggested Anti-SOX5 Antibody Titration: 0.2-1 ug/ml. ELISA Titer: 1:62500. Positive Control: Hela cell lysate; SOX5 antibody - C-terminal region in Human HeLa cells using Western Blot



Lot Number: QC2674 Primary Antibody: SOX5: Lysate: HepG2 Cell

Lane A: Primary Antibody Lane B: Primary Antibody + Blocking Peptide

Primary Antibody Concentration: 2.0µg/ml Peptide Concentration: 2.0µg/ml Lysate Quantity: 25µg/lane Gel Concentration: 12%

Western Blotting

Image 3. Human HepG2; Host: Rabbit. Target Name: SOX5. Sample Tissue: 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%.; SOX5 antibody - C-terminal region in Human HepG2 cells using Western Blot