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anti-SOX12 antibody (C-Term)





Publication



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Quantity:	100 μL
Target:	S0X12
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Guinea Pig, Rat, Dog, Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOX12 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human SOX12	
Sequence:	DCSALDRDPD LQPPSGTSHF EFPDYCTPEV TEMIAGDWRP SSIADLVFTY	
Predicted Reactivity:	Dog: 92%, Guinea Pig: 85%, Horse: 92%, Human: 100%, Mouse: 92%, Pig: 92%, Rat: 92%	
Characteristics:	This is a rabbit polyclonal antibody against SOX12. It was validated on Western Blot using a cell lysate as a positive control.	
Purification:	Protein A purified	

Target Details

Target:	SOX12
Alternative Name:	SOX12 (SOX12 Products)

Target Details

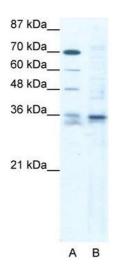
rarget Details		
Background:	Members of the SOX family of transcription factors are characterized by the presence of a	
	DNA-binding high mobility group (HMG) domain, homologous to the HMG box of sex-	
	determining region Y (SRY). Forming a subgroup of the HMG domain superfamily, SOX proteins	
	have been implicated in cell fate decisions in a diverse range of developmental processes. SOX	
	transcription factors have diverse tissue-specific expression patterns during early development	
	and have been proposed to act as target-specific transcription factors and/or as chromatin	
	structure regulatory elements. The protein encoded by this gene was identified as a SOX family	
	member based on conserved domains and its expression in various tissues suggests a role in	
	both differentiation and maintenance of several cell types.	
	Alias Symbols: SOX22	
	Protein Interaction Partner: SRM, POLD2, SMAD4,	
	Protein Size: 315	
Molecular Weight:	34 kDa	
Gene ID:	6666	
NCBI Accession:	NM_006943, NP_008874	
UniProt:	015370	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 315 AA	
Restrictions:	For Research Use only	

Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

Storage:	-20 °C	
Storage Comment:	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.	
Publications		
Product cited in:	Lazrek, Goffard, Schanen, Karquel, Bocket, Lion, Devaux, Hedouin, Gosset, Hober: "Detection of hepatitis C virus antibodies and RNA among medicolegal autopsy cases in Northern France." in:	
	Diagnostic microbiology and infectious disease, Vol. 55, Issue 1, pp. 55-8, (2006) (PubMed).	

Images



Western Blotting

Image 1. WB Suggested Anti-SOX12 Antibody Titration: 1.25 ug/ml Positive Control: Jurkat Whole Cell