



Anti-SOX9 (aa 400-509) polyclonal antibody (DPAB-DC2942)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene recognizes the sequence CCTTGAG along with other members of the HMG-box class DNA-binding proteins. It acts during chondrocyte differentiation and, with steroidogenic factor 1, regulates transcription of the anti-Muellerian hormone (AMH) gene. Deficiencies lead to the skeletal malformation syndrome campomelic dysplasia, frequently with sex reversal.
Immunogen	SOX9 (NP_000337, 400 a.a. ~ 509 a.a) partial recombinant protein with GST tag. The sequence is EQLSPSHYSEQQQHSPQQIAYSPFNLPHYSPPSYPITRSQYDYTDHQNSSYYSHAAGQQ TGLYSTFTYMNPAQRPMYTPPIADTSGVPSIPQTHSPQHWEQPVYTQLTRP
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	SOX9 SRY (sex determining region Y)-box 9 [Homo sapiens (human)]
Official Symbol	SOX9
Synonyms	SOX9; SRY (sex determining region Y)-box 9; CMD1; SRA1; CMPD1; transcription factor SOX-9; SRY-related HMG-box, gene 9; SRY (sex-determining region Y)-box 9 protein;
Entrez Gene ID	6662
Protein Refseq	NP_000337
UniProt ID	P48436
Chromosome Location	17q24.3
Pathway	Endochondral Ossification; Spinal Cord Injury;
Function	RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in positive regulation of transcription; RNA polymerase II distal enhancer sequence-specific DNA binding transcription factor activity; bH