

Anti-SOX7 antibody



Description	Unconjugated Rabbit polyclonal to SOX7
Model	STJ190248
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, WB
Gene ID	83595
Gene Symbol	SOX7
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	SOX7 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Widely expressed in adult and fetal tissues. Present both in mesenchymal and epithelial cells in some adult tissues, including colon. Tends to be down-regulated in prostate adenocarcinomas and colorectal tumors due to promoter hypermethylation.
Purification	SOX7 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Transcription factor SOX-7
Molecular Weight	42 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:18196 OMIM:612202
Alternative Names	Transcription factor SOX-7
Function	Binds to and activates the CDH5 promoter, hence plays a role in the transcriptional regulation of genes expressed in the hemogenic endothelium and blocks further differentiation into blood precursors . May be required for the survival of both hematopoietic and endothelial precursors during specification . Competes with GATA4 for binding and activation of the FGF3 promoter . Represses Wnt/beta-catenin-stimulated transcription, probably by targeting CTNNB1 to proteasomal degradation. Binds the DNA sequence 5'-AACAAAT-3'.
Cellular Localization	Nucleus Cytoplasm

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