Immunoway

Best Tools for immunology Research

SOX5 rabbit pAb

Catalog No :	YN3345
Reactivity :	Human;Mouse
Applications :	WB
Target :	SOX5
Gene Name :	SOX5
Protein Name :	SOX5
Human Gene Id :	6660
Human Swiss Prot No :	P35711
Mouse Gene Id :	20678
Mouse Swiss Prot No :	P35710
Immunogen :	Synthesized peptide derived from human SOX5 AA range: 43-93
Specificity :	This antibody detects endogenous levels of SOX5 at Human/Mouse
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

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Observed Band :	85kD

Background :   This gene 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. Multiple transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008],

Function :   function:Binds specifically to the DNA sequence 5'-AACAAT-3'. Activates transcription of COL2A1 and AGC1 in vitro.,similarity:Contains 1 HMG box DNA-binding domain.,

Subcellular Location :   Nucleus .

Expression :   Brain,Fetal heart,Heart,Liver,Testis,

Products Images
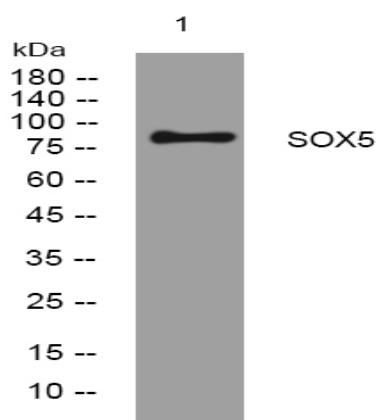
Western blot analysis of lysates from CACO2 cells, primary antibody was diluted at 1:1000, 4° over night