



Anti-SOX1 polyclonal antibody (DPAB-DC880)

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

PRODUCT INFORMATION

Antigen Description	SOX1 (SRY (sex determining region Y)-box 1) is a protein-coding gene. Diseases associated with SOX1 include lambert-eaton myasthenic syndrome, and hypopituitarism, and among its related super-pathways are Rho Family GTPases and Wnt signaling pathway. GO annotations related to this gene include core promoter sequence-specific DNA binding and sequence-specific DNA binding transcription factor activity. An important paralog of this gene is SOX13.
Specificity	This antibody recognizes ~43 KDa Sox-1.
Immunogen	A synthetic peptide corresponding to residues surrounding amino acids 322 of mouse Sox1.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Conjugate	Unconjugated
Applications	WB (Cell lysate),
Format	Liquid
Size	100 µg
Buffer	In PBS, pH 7.2 (30% glycerol, 0.5 mg/mL BSA, 0.01% thimerosal)
Preservative	None
Storage	Store at -20°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	Sox1 SRY (sex determining region Y)-box 1 [Mus musculus (house mouse)]
Official Symbol	SOX1
Synonyms	SOX1; SRY (sex determining region Y)-box 1; Sox-1; BB176347; transcription factor SOX-1; SRY-box containing gene 1;
Entrez Gene ID	20664
Protein Refseq	NP_033259
UniProt ID	P53783
Chromosome Location	8 A1-A2; 8 5.73 cM
Pathway	Wnt Signaling Pathway NetPath;
Function	DNA binding; core promoter sequence-specific DNA binding; sequence-specific DNA binding;