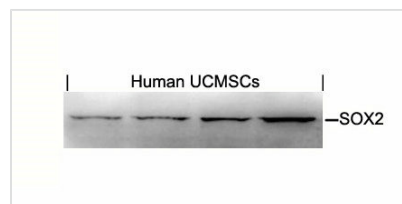




SOX2 Antibody

Product Code	CSB-PA982860
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P48431
Immunogen	Peptide sequence around aa.76~80 (G-A-E-W-K) derived from SOX2
Raised In	Rabbit
Species Reactivity	Human, Mouse
Specificity	The antibody detects endogenous level of total SOX2 protein.
Tested Applications	ELISA, WB; WB: 1:500-1:1000
Relevance	<p>Transcription factor that forms a trimeric complex with OCT4 on DNA and controls the expression of a number of genes involved in embryonic development such as YES1, FGF4, UTF1 and ZFP206. Critical for early embryogenesis and for embryonic stem cell pluripotency</p> <p>Yuan H, et al. Genes Dev. 1995 Nov 1;9(21):2635-45 Muta M, et al. Genes Cells 2002 Aug;7(8):791-805 Tomioka M, et al. Nucleic Acids Res. 2002 Jul 15; 30(14): 3202-3213.</p>
Form	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Clonality	Polyclonal
Alias	Transcription factor SOX-2
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	SOX2

Image



Western blot analysis of extracts from human Umbilical cord mesenchymal stem cell using SOX2 Antibody.