

	<h1>SOX2 (C-term) Rabbit pAb</h1>	E 2 6 2 0 6 2 6
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Swiss-Prot No.:	P48431
Altername:	SOX2
Storage/Stability:	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Immunogen:	This SOX2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 282-316 amino acids from the C-terminal region of human SOX2.
Purification:	Affinity purified
Reactivity:	Human,Mouse
Other Names:	ANOP3; MCOPS3
Cellular localization:	Nucleus
Relevance:	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 (By similarity). Critical for early embryogenesis and for embryonic stem cell pluripotency. May function as a switch in neuronal development. Downstream SRRT target that mediates the promotion of neural stem cell self-renewal (By similarity). Keeps neural cells undifferentiated by counteracting the activity of proneural proteins and suppresses neuronal

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	differentiation (By similarity).
Source:	Rabbit
Antibody type:	Polyclonal antibody
Isotype:	Rabbit Ig
Molecular Weight:	H=34 ;M=34 KDa
Preservative:	PBS with 0.09% (W/V) sodium azide, pH7.3.
Recommended Dilutions:	WB:1:1000