

Sox-1 Polyclonal Antibody

CATALOG #:	3822-100
AMOUNT:	100 µg
LOT #:	_____
HOST:	Rabbit
IMMUNOGEN:	Synthetic peptide corresponding to residues surrounding amino acids 322 of mouse Sox-1 (Internal ID# BV-883).
SPECIES REACTIVITY:	human, mouse

FORMULATION:

100 µg (0.5 mg/ml) affinity purified rabbit anti-Sox-1 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

STORAGE CONDITIONS:

Store at -20°C. For long-term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

DESCRIPTION:

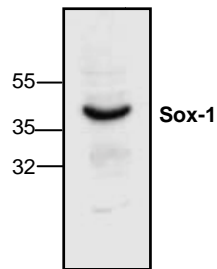
Sox proteins are related to mammalian sex determining gene that encodes DNA-binding protein. About 30 SOX family proteins have been identified. Sox-1 is a transcription factor that is found in the embryonic nervous system. Sox-1 maintains neural cells in an undifferentiated state and has been used as a marker for neural stem cells.

SPECIFICITY:

The antibody recognizes ~ 43 kDa Sox-1 in samples of human and mouse origins. Reactivity to other species has not been tested.

APPLICATION AND USAGE:

The antibody can be used for Western blotting (0.5-4 µg/ml). However, the optimal conditions should be determined individually. Blocking peptide (Cat.# 3822BP-50) is available separately.



Cat. #: 3822-100
Western blot analysis of Sox-1 expression in Jurkat cell lysate.

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