

Polyclonal Antibody to SOX11 - Aff - Purified

Alternate names:	SRY-box 11, Transcription factor SOX-11
Catalog No.:	AP09577PU-N
Quantity:	1 ml
Concentration:	0.19 mg/ml
Background:	All SOX proteins have a single HMG box and bind linear DNA in a sequence-specific manner, resulting in the bending of DNA through large angles. Bending causes the DNA helix to open for some distance, which may affect binding and interactions of other transcription factors. SOX1, SOX2 and SOX3 show the closest homology to SRY. They share maximum homology within the HMG domain and are expressed mainly in the developing nervous system of the mouse (Collignon et al., 1996). These genes share significant homology outside the HMG box also, and are highly conserved throughout their evolution. SOX11 appears to be important in the developing nervous system (SOX11 expression is detected from 8.5 dpc through to 13.5 dpc, with a considerable increase in expression by 13.5 dpc). SOX11 expression is apparent in the somites, limbs, facial mesenchyme, kidney, and lung of the fetal system.
Uniprot ID:	P35716
NCBI:	NP_003099
GenelD:	6664
Host / Isotype:	Rabbit / IgG
Immunogen:	A synthetic peptide derived from internal region of Human SOX11 protein. Remarks: Epitope: Internal region
Format:	State: Liquid purified Ig fraction. Purification: Immunoaffinity Chromatography. Buffer System: PBS, pH 7.6 with 1% BSA as stabilizer and 0.09% Sodium Azide as preservative
Applications:	Immunohistochemistry on Paraffin Sections: 1/200 for 30 min at RT. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min. Slides must be washed in between steps. Rinse slides with PBS/0.05% Tween. <i>Positive Control:</i> Mantle cell lymphoma. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes SOX11. Cellular Localization: Nucleus
Species Reactivity:	Tested: Human.

- Add. Information:** Molecular Weight: 47 kDa
- Storage:** Store the antibody undiluted at 2-8°C.
DO NOT FREEZE!
Shelf life: one year from despatch.
- Pictures:** AP09577PU SOX11 antibody staining of Human mantle cell lymphoma.

