



# Anti-SOX11 (internal region) polyclonal antibody (DPAB-DC2943)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	This intronless gene encodes a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of the cell fate. The encoded protein may act as a transcriptional regulator after forming a protein complex with other proteins. The protein may function in the developing nervous system and play a role in tumorigenesis.
<b>Immunogen</b>	A synthetic peptide corresponding to amino acids 309-323 at internal region of human SOX11. The sequence is C-SRLYYSFKNITKQHP
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Purification</b>	Antigen affinity purification
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Cell lysate), ELISA,
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	In 0.5 mg/mL Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">SOX11 SRY (sex determining region Y)-box 11 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	SOX11
<b>Synonyms</b>	SOX11; SRY (sex determining region Y)-box 11; transcription factor SOX-11; SRY-related HMG-box gene 11; SRY (sex-determining region Y)-box 11;
<b>Entrez Gene ID</b>	<a href="#">6664</a>
<b>Protein Refseq</b>	<a href="#">NP_003099</a>
<b>UniProt ID</b>	<a href="#">P35716</a>
<b>Chromosome Location</b>	2p25
<b>Function</b>	RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in positive regulation of transcription; RNA polymerase II core promoter sequence-specific DNA binding; RNA polymerase II transcription co