



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

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

PRODUCT INFORMATION

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| Antigen Description | 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. |
| Immunogen | A synthetic peptide corresponding to amino acids 309-323 at internal region of human SOX11. The sequence is C-SRLYYSFKNITKQHP |
| Source/Host | Goat |
| Species Reactivity | Human |
| Purification | Antigen affinity purification |
| Conjugate | Unconjugated |
| Applications | WB (Cell lysate), ELISA, |
| Format | Liquid |
| Size | 100 µg |
| Buffer | In 0.5 mg/mL Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA) |
| Preservative | 0.02% Sodium Azide |
| Storage | Store at -20°C. Aliquot to avoid repeated freezing and thawing. |

GENE INFORMATION

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| Gene Name | SOX11 SRY (sex determining region Y)-box 11 [Homo sapiens (human)] |
| Official Symbol | SOX11 |
| Synonyms | 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; |
| Entrez Gene ID | 6664 |
| Protein Refseq | NP_003099 |
| UniProt ID | P35716 |
| Chromosome Location | 2p25 |
| Function | 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 |
