

## SOX4 RABBIT PAB

**Cat.#:** S215150

**Product Name:** Anti-SOX4 Rabbit Polyclonal Antibody

**Synonyms:** EVI16

**UNIPROT ID:** Q06945 (Gene Accession - NP\_003098 )

**Background:** 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, such as syndecan binding protein (syntenin). The protein may function in the apoptosis pathway leading to cell death as well as to tumorigenesis and may mediate downstream effects of parathyroid hormone (PTH) and PTH-related protein (PTHrP) in bone development. The solution structure has been resolved for the HMG-box of a similar mouse protein.

**Immunogen:** Synthetic peptide of human SOX4

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 20-100; ELISA: 1000-2000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

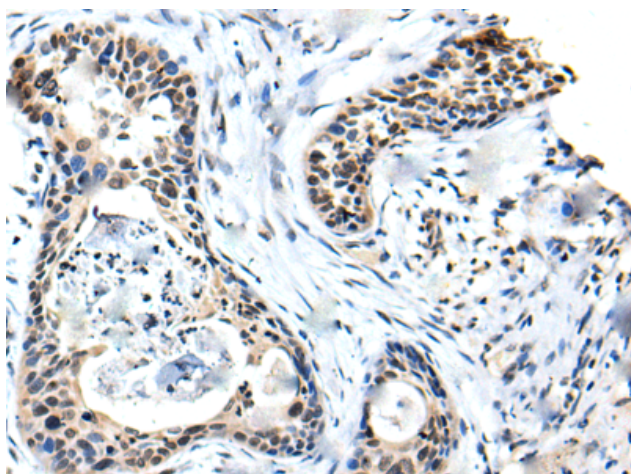
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse

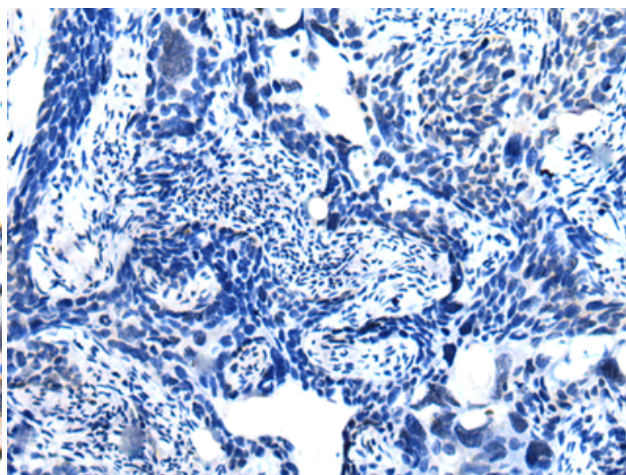
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Epigenetics and Nuclear Signaling, Neuroscience, Stem Cells

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human cervical cancer tissue using 215150(SOX4 Antibody) at a dilution of 1/20(Nucleus).



In comparison with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with the synthetic peptide and then with 215150(Anti-SOX4 Antibody) at dilution 1/20.



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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