

## SOX9 RABBIT PAB

**Cat.#:** S220354

**Product Name:** Anti-SOX9 Rabbit Polyclonal Antibody

**Synonyms:** CMD1; SRA1; CMPD1; SRXX2; SRXY10

**UNIPROT ID:** P48436 (Gene Accession - NP\_000337 )

**Background:** The protein encoded by this gene recognizes the sequence CCTTGAG along with other members of the HMG-box class DNA-binding proteins. It acts during chondrocyte differentiation and, with steroidogenic factor 1, regulates transcription of the anti-Muellerian hormone (AMH) gene. Deficiencies lead to the skeletal malformation syndrome campomelic dysplasia, frequently with sex reversal.

**Immunogen:** Synthetic peptide of human SOX9

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 50-100;WB: 500-2000;ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

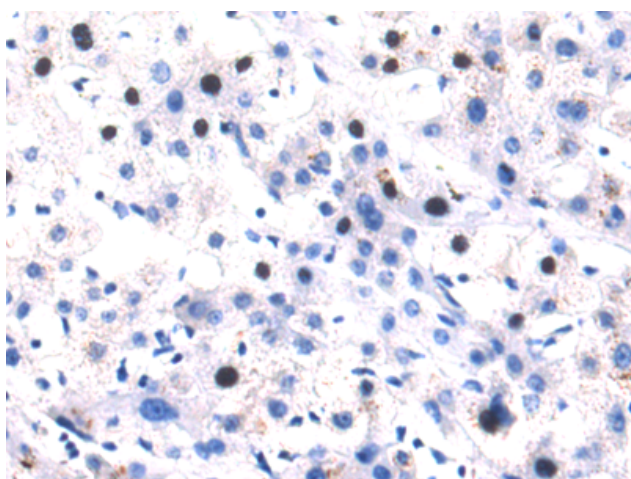
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse

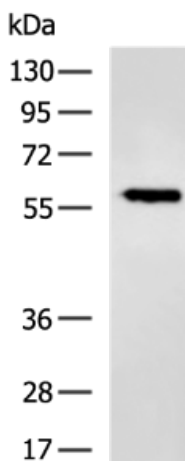
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

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

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



Immunohistochemistry analysis of paraffin-embedded Human liver cancer tissue using 220354(SOX9 Antibody) at a dilution of 1/50(Nucleus).



Gel: 8%SDS-PAGE, Lysate: 40 µg;  
Lane: Mouse heart tissue lysate;  
Primary antibody: 220354(SOX9 Antibody) at dilution 1/200;  
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;  
Exposure time: 30 seconds



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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