

## Product datasheet for **AP22720PU-N**

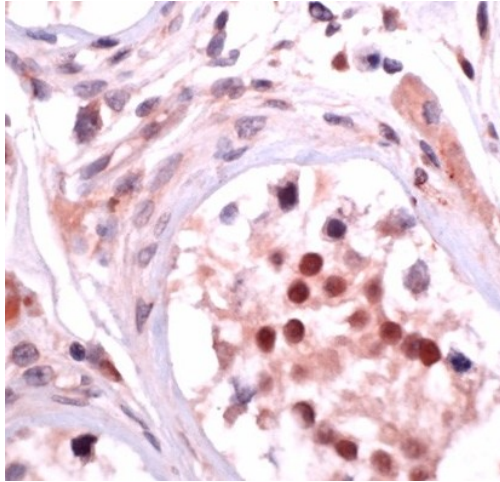
### SOX9 (1-150) Rabbit Polyclonal Antibody

#### Product data:

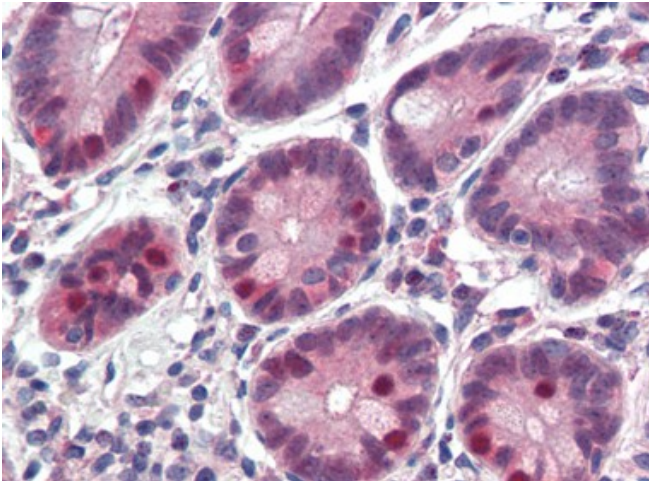
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	<b>Immunohistochemistry on Paraffin Sections:</b> 10 µg/ml.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	SOX9 antibody was raised against recombinant protein encoding aa 1-150 of human SOX9 protein
Specificity:	This antibody reacts to SRY (sex Determining Region Y)-box 9 (SOX9) at aa 1-150.
Formulation:	10mM PBS/1% BSA buffer pH 7.4 with 0.09% sodium azide State: Aff - Purified State: Liquid purified Ig fraction
Purification:	Immunoaffinity Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	SRY-box 9
Database Link:	<a href="#">Entrez Gene 6662 Human P48436</a>
Background:	The SOX9 protein 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.
Synonyms:	Transcription factor SOX-9, SRY-box 9, SRA1, CMD1, CMPD1
Protein Families:	Adult stem cells, Druggable Genome, Embryonic stem cells, ES Cell Differentiation/IPS, Induced pluripotent stem cells, Transcription Factors



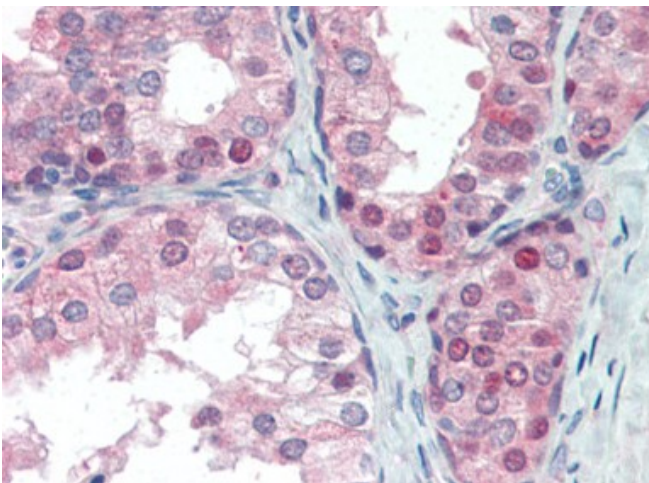
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**Product images:**

Human testis stained with Anti-SOX9 (AP22720PU-N)



Human Small Intestine (formalin-fixed, paraffin-embedded) stained with SOX9 antibody AP22720PU-N at 10 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.



Human Prostate (formalin-fixed, paraffin-embedded) stained with SOX9 antibody AP22720PU-N at 10 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.