

SOX9 Rabbit mAb

Catalog No: #58773

Package Size: #58773-1 50ul #58773-2 100ul

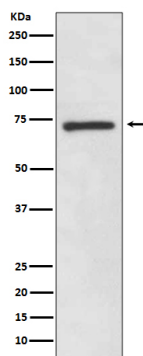
Description

Product Name	SOX9 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human Mouse Rat
Specificity	SOX9 Antibody detects endogenous levels of SOX9
Immunogen Description	A synthesized peptide derived from human SOX9
Other Names	CMD1; Sox9; SRA1; SRXX2; SRXY10; SRY (sex determining region Y) box 9; Transcription factor SOX 9;
Accession No.	Uniprot:P48436
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

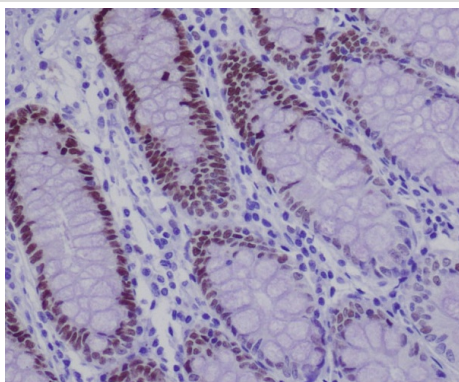
Application Details

WB 1:500~1:2000 IHC 1:100~1:500 ICC/IF 1:50~1:200

Images

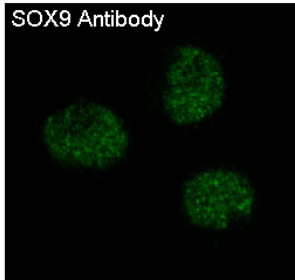


Western blot analysis of SOX9 expression in SW480 cell lysate.

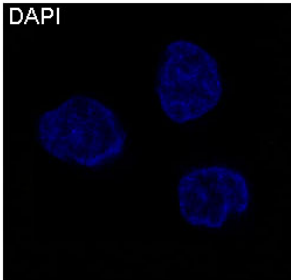


Immunohistochemical analysis of paraffin-embedded human colon, using SOX9 Antibody .

SOX9 Antibody



DAPI



Immunofluorescent analysis of SW480 cells, using SOX9 Antibody .

Background

Regulates several important processes during embryonic development including chondrogenesis, during which it contributes to skeletal formation and digit specification (2,3). Sox9 also coordinates with steroidogenic factor-1 to direct Sertoli cell-specific expression of anti-Mullerian hormone during embryogenesis, thereby contributing to male sex determination.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.