

Anti-SOX-10 antibody

Rabbit Monoclonal antibody(Mab)

Catalog # AD80247

Product Information

Application	IHC-P
Primary Accession	P56693
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Clone Names	908G6C7
Calculated MW	49911

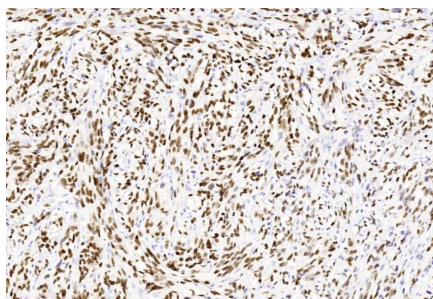
Additional Information

Gene ID	6663
Gene Name	SOX10
Other Names	Transcription factor SOX-10, SOX10
Dilution	IHC-P~~Ready-to-use
Storage	Maintain refrigerated at 2-8°C.
Precautions	SOX-10 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

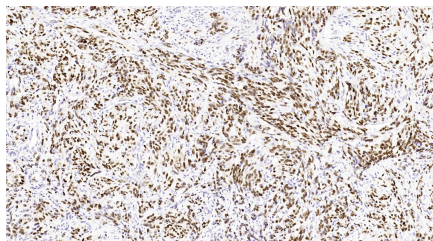
Protein Information

Name	SOX10
Function	Transcription factor that plays a central role in developing and mature glia (By similarity). Specifically activates expression of myelin genes, during oligodendrocyte (OL) maturation, such as DUSP15 and MYRF, thereby playing a central role in oligodendrocyte maturation and CNS myelination (By similarity). Once induced, MYRF cooperates with SOX10 to implement the myelination program (By similarity). Transcriptional activator of MITF, acting synergistically with PAX3 (PubMed: 21965087). Transcriptional activator of MBP, via binding to the gene promoter (By similarity).
Cellular Location	Cytoplasm. Nucleus. Mitochondrion outer membrane {ECO:0000250 UniProtKB:Q04888}; Peripheral membrane protein {ECO:0000250 UniProtKB:Q04888}; Cytoplasmic side {ECO:0000250 UniProtKB:Q04888}
Tissue Location	Expressed in fetal brain and in adult brain, heart, small intestine and colon

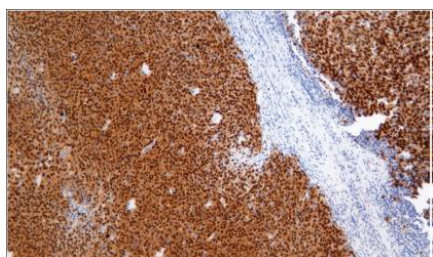
Images



Immunohistochemical analysis of formalin-fixed and paraffin-embedded human melanoma tissue was performed with SOX-10 primary antibody, followed by peroxidase-conjugated secondary antibody and DAB staining.



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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.