

SOX10 Rabbit mAb
Catalog # AP74918**Specification**

SOX10 Rabbit mAb - Product Information

Application	WB
Primary Accession	P56693
Reactivity	Human, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	49911

SOX10 Rabbit mAb - Additional Information**Gene ID** 6663**Other Names**
SOX10**Dilution**
WB~~1/500-1/1000**Format**
Liquid**SOX10 Rabbit mAb - 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: <http://www.uniprot.org/citations/21965087> target="_blank">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

SOX10 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SOX10 Rabbit mAb - Images

