

# SOX10 Rabbit mAb

Catalog # AP74918

## Product Information

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|                   |                        |
|-------------------|------------------------|
| Application       | WB                     |
| Primary Accession | <a href="#">P56693</a> |
| Reactivity        | Human, Rat             |
| Host              | Rabbit                 |
| Clonality         | Monoclonal Antibody    |
| Calculated MW     | 49911                  |

## Additional Information

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|             |                  |
|-------------|------------------|
| Gene ID     | 6663             |
| Other Names | SOX10            |
| Dilution    | WB~~1/500-1/1000 |
| Format      | Liquid           |

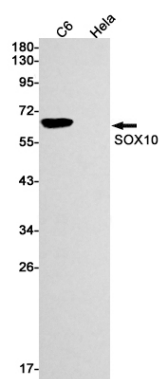
## Protein Information

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|                   |   |
|-------------------|---|
| 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: <a href="#">21965087</a> ). 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

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