

SOX10 Rabbit mAb

Catalog No: #52071

Package Size: #52071-1 50ul #52071-2 100ul

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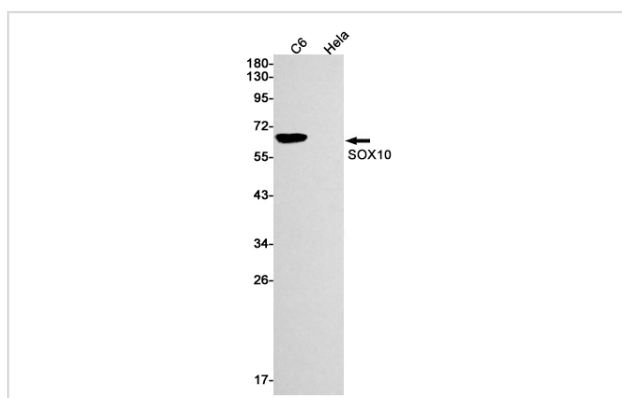
Description

Product Name	SOX10 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S03-5A4
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human, Rat
Immunogen Description	A synthetic peptide of human SOX10
Conjugates	Unconjugated
Modification	Unmodification
Other Names	Transcription factor SOX-10
Accession No.	Swiss-Prot:P56693GenelD:6663
Uniprot	P56693
GenelD	6663
Calculated MW	Calculated MW: 50 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/1000

Images



Western blot detection of SOX10 in C6, HeLa cell lysates using SOX10 Rabbit mAb (1:1000 diluted). Predicted band size: 50 kDa.

Background

Swiss-Prot Acc.P56693. 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).

Note: This product is for in vitro research use only