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Sox10 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI11285

Product Information

Application	WB
Primary Accession	Q04888
Other Accession	XM_128139, XP_128139
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	49949

Additional Information

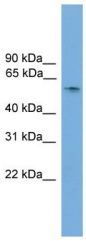
Gene ID	20665
Alias Symbol	Dom, Sox21
Other Names	Transcription factor SOX-10, Protein SOX-21, Transcription factor SOX-M, Sox10, Sox-10, Sox21
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Sox10 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Sox10 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Sox10
Synonyms	Sox-10, Sox21
Function	Transcription factor that plays a central role in developing and mature glia (PubMed:24204311, PubMed:27532821). 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 (PubMed:24204311, PubMed:27532821). Once induced, MYRF cooperates with SOX10 to implement the myelination program (PubMed:24204311). Transcriptional activator of MITF, acting synergistically with PAX3 (By similarity). Transcriptional activator of MBP, via binding to the gene promoter (By similarity).

Cellular Location	Cytoplasm. Nucleus Mitochondrion outer membrane; Peripheral membrane protein; Cytoplasmic side
Tissue Location	Expressed in oligodendroglia of the spinal tube (at protein level).

Images



WB Suggested Anti-Sox10 Antibody Titration: 0.2-1 µg/ml
Positive Control: SP2/0 cell lysate

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