

Sox10 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI11285**Specification**

Sox10 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q04888
Other Accession	XM_128139 , XP_128139
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	63kDa KDa

Sox10 antibody - N-terminal region - 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.

Sox10 antibody - N-terminal region - 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, PubMed:27532821).

href="http://www.uniprot.org/citations/24204311" target="_blank">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

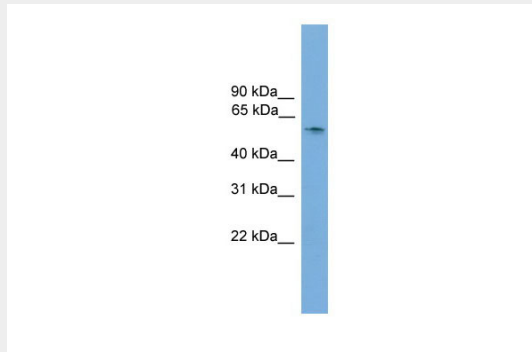
Tissue Location

Expressed in oligodendroglia of the spinal tube (at protein level).

Sox10 antibody - N-terminal region - 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 antibody - N-terminal region - Images

WB Suggested Anti-Sox10 Antibody Titration: 0.2-1 µg/ml

Positive Control: SP2/0 cell lysate