

Goat anti-SOX10 (aa204-217) Antibody
Peptide-affinity purified goat antibody
Catalog # AF4509a**Specification**

Goat anti-SOX10 (aa204-217) Antibody - Product Information

Application	WB, Pep-ELISA
Primary Accession	P56693
Other Accession	NP_008872.1
Reactivity	Human, Mouse, Rat, Pig, Dog, Bovine
Host	Goat
Clonality	Polyclonal
Calculated MW	49911

Goat anti-SOX10 (aa204-217) Antibody - Additional Information**Gene ID** 6663**Other Names**

SOX10; SRY (sex determining region Y)-box 10; DOM; MGC15649; PCWH; WS2E; WS4; WS4C; OTTHUMP00000195094; OTTHUMP00000195097; SRY-related HMG-box gene 10; dominant megacolon, mouse, human homolog of; transcription factor SOX-10

Dilution

WB~~1:1000
Pep-ELISA~~N/A

Format

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat anti-SOX10 (aa204-217) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat anti-SOX10 (aa204-217) Antibody - 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: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

Goat anti-SOX10 (aa204-217) Antibody - 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](#)

Goat anti-SOX10 (aa204-217) Antibody - Images