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Goat anti-SOX10 (aa204-217) Antibody

Peptide-affinity purified goat antibody
Catalog # AF4509a

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
Clone Names	SOX10
Calculated MW	49911

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.

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