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SOX10 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5567

Product Information

Application	WB
Primary Accession	P56693
Other Accession	Q04888, A5A763, O55170
Reactivity	Human, Rat
Predicted	Dog, Sheep, Chicken
Host	Rabbit
Clonality	Polyclonal
Calculated MW	49911
Isotype	Rabbit IgG
Antigen Source	HUMAN

Additional Information

Gene ID	6663
Antigen Region	231-259
Other Names	Transcription factor SOX-10, SOX10
Dilution	WB~~1:2000
Target/Specificity	This SOX10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 231-259 amino acids from the Central region of human SOX10.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	SOX10 Antibody (Center) 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).

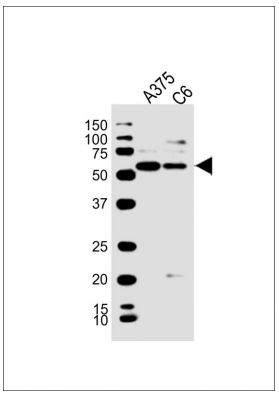
Cellular Location

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

Images



All lanes : Anti-SOX10 Antibody (Center) at 1:2000 dilution Lane 1: A375 whole cell lysate Lane 2: C6 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 50 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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