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SOX-11

Mouse Monoclonal antibody(Mab)
Catalog # AD80332

Product Information

Application	IHC-P
Primary Accession	P35716
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	MRQ-58
Calculated MW	46679

Additional Information

Gene ID	6664
Gene Name	SOX11
Other Names	Transcription factor SOX-11, SOX11
Dilution	IHC-P~~N/A
Storage	Maintain refrigerated at 2-8°C.
Precautions	SOX-11 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SOX11
Function	Transcription factor that acts as a transcriptional activator (PubMed:24886874, PubMed:26543203). Binds cooperatively with POU3F2/BRN2 or POU3F1/OCT6 to gene promoters, which enhances transcriptional activation (By similarity). Acts as a transcriptional activator of TEAD2 by binding to its gene promoter and first intron (By similarity). Plays a redundant role with SOX4 and SOX12 in cell survival of developing tissues such as the neural tube, branchial arches and somites, thereby contributing to organogenesis (By similarity).
Cellular Location	Nucleus {ECO:0000255|PROSITE-ProRule:PRU00267, ECO:0000269|PubMed:24886874, ECO:0000269|PubMed:35938035}
Tissue Location	Expressed primarily in the brain and heart, with low expression in the kidney, pancreas and muscle

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