

SOX-11

Mouse Monoclonal antibody(Mab)

Catalog # AD80332

Product Information

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

Additional Information

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|-------------|---|
| 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

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|-------------------|--|
| 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'.