

# SOX11 (12Z19) Rabbit Monoclonal Antibody

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Catalog # AP93675

## Product Information

|                   |                        |
|-------------------|------------------------|
| Application       | WB, IHC-P, IF          |
| Primary Accession | <a href="#">P35716</a> |
| Reactivity        | Human                  |
| Clonality         | Monoclonal             |
| Calculated MW     | 46679                  |

## Additional Information

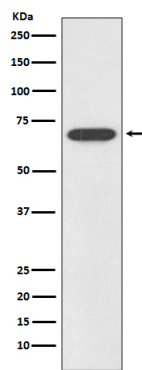
|                    |                                    |
|--------------------|------------------------------------|
| Gene ID            | 6664                               |
| Other Names        | Transcription factor SOX-11, SOX11 |
| Dilution           | WB~~1:1000 IHC-P~~N/A IF~~1:50~200 |
| Storage Conditions | -20°C                              |

## Protein Information

|                   |  |
|-------------------|--|
| Name              | SOX11  |
| Function          | Transcription factor that acts as a transcriptional activator (PubMed: <a href="#">24886874</a> , PubMed: <a href="#">26543203</a> ). 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   |

## Images

Western blot analysis of SOX11 expression in SHSY5Y cell lysate.



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