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SOX11 (12Z19) Rabbit Monoclonal Antibody

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Catalog # AP93675

Product Information

Application	WB, IHC-P, IF
Primary Accession	P35716
Reactivity	Human
Clonality	Monoclonal
Calculated MW	46679

Additional Information

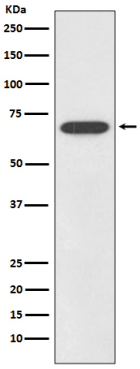
Gene ID	6664
Other Names	Transcription factor SOX-11, SOX11
Dilution	WB~~1:1000 IHC-P~~N/A IF~~1:50~200
Storage Conditions	-20℃

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

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'.