

Anti-SOX11 Rabbit Monoclonal Antibody

Catalog # ABO13685

Product Information

Application	WB, IF, ICC, IP
Primary Accession	P35716
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-SOX11 Rabbit Monoclonal Antibody . Tested in WB, ICC/IF, IP applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

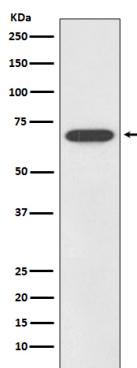
Gene ID	6664
Other Names	Transcription factor SOX-11, SOX11
Calculated MW	46679
Application Details	WB 1:1000-1:2000 ICC/IF 1:50-1:200 IP 1:50
Subcellular Localization	Nucleus.
Tissue Specificity	Expressed mainly in the nervous system, brain (fetus and adult) and heart (adult)..
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: GIO-19
Immunogen	A synthesized peptide derived from human SOX11
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	SOX11
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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'.