

Product Name: SOX11 (12Z19) Rabbit Monoclonal Antibody
Catalog #: AMRe18127



Summary

Production Name	SOX11 (12Z19) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	SOX11
Alternative Names	MRD27; SOX11; SRY (sex determining region Y) box 11; SRY related HMG box gene 11 ; SRY-box 11; Transcription factor SOX-11;
Gene ID	6664.0
SwissProt ID	P35716 .

Application

Dilution Ratio	WB 1:1000-1:2000
Molecular Weight	47kDa

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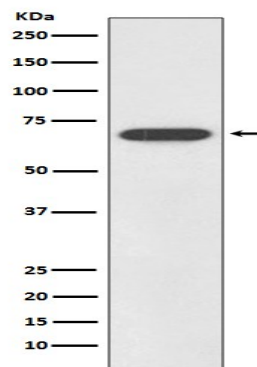


Background

Probably important in the developing nervous system. May also have a role in tissue modeling during development. Transcription factor that acts as a transcriptional activator (PubMed: 24886874). 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).

Research Area

Image Data



Western blot analysis of SOX11 expression in SHSY5Y cell lysate.

Note

For research use only.