

For Research Use Only

SOX2 Recombinant monoclonal antibody

Catalog Number:83059-6-RR



Basic Information

Catalog Number: 83059-6-RR	GenBank Accession Number: BC013923	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 6657	CloneNo.: 252889F12
Source: Rabbit	UNIPROT ID: P48431	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG	Full Name: SRY (sex determining region Y)-box 2	
Immunogen Catalog Number: AG0612	Calculated MW: 34 kDa	
	Observed MW: 34-43 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, mouse, rat

Positive Controls:

WB : mouse brain tissue, U-251 cells, rat brain tissue, C6 cells

Background Information

Sox2, also known as SRY (sex determining region Y)-box 2, is a transcription factor essential for maintaining self-renewal of undifferentiated ES cells and is one of the key transcription factors used to reprogram mouse and human fibroblasts to a pluripotent state. Sox2 expressed in undifferentiated pluripotent stem cells and germ cells during development. A rare undifferentiated cell population that is intermingled with the Bergmann glia of the adult murine cerebellar cortex, expresses the stem cell markers Sox2 and Nestin, and lacks markers of glial or neuronal differentiation.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

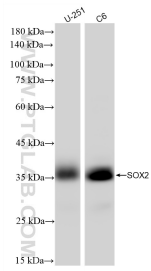
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

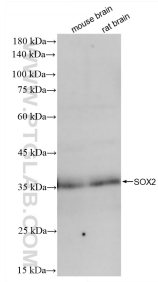
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83059-6-RR (SOX2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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