

Product Datasheet

SOX2 Rabbit Polyclonal Antibody (orb576582)

Catalog Number	orb576582
Category	Antibodies
Description	Rabbit polyclonal antibody to SOX2
Target	SOX2
Clonality	Polyclonal
Species/Host	Rabbit
Conjugation	Unconjugated
Reactivity	Human, Mouse
Predicted Reactivity	Bovine, Canine, Equine, Goat, Guinea pig, Rabbit, Rat, Sheep, Zebrafish
Form/Appearance	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml
Buffer/Preservatives	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purification	Affinity Purified
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human SOX2
Protein Sequence	Synthetic peptide located within the following region: AGDLRDMISMYLPGAEVPEPAAPSRLHMSQHYQSGPVPGTAINGTLP LSH
UniProt ID	P48431

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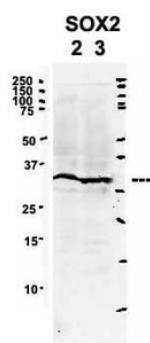
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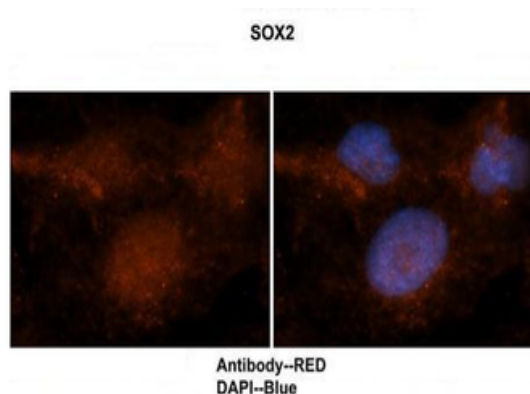
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MW	34kDa
Tested applications	IHC, WB
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
NCBI	NP_003097
Expiration Date	12 months from date of receipt.



Sample Type: 2. mouse brain extracts (80 ug), 3. rat brain extract (80 ug), Primary Antibody Dilution: 2 ug/ml, Secondary Antibody: IRDye 800CW goat anti-rabbit, Secondary Antibody Dilution: 1:20000.



Sample Type: Human brain stem cells, Primary Antibody Dilution: 1:500, Secondary Antibody: Goat anti-rabbit Alexa-Fluor 594, Secondary Antibody Dilution: 1:1000, Color/Signal Descriptions: SOX2: Red DAPI:Blue, Gene Name: SOX2.

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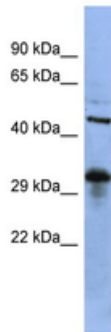
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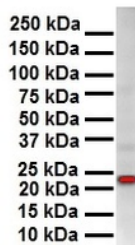
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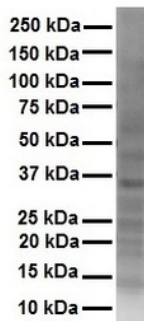
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WB Suggested Anti-SOX2 Antibody Titration: 0.2-1 ug/ml, ELISA
Titer: 1:1562500, Positive Control: HT1080 cell lysate.



WB Suggested Anti-SOX2 antibody Titration: 1 ug/ml, Sample
Type: Human Hela.



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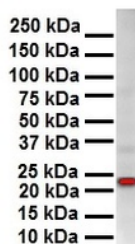
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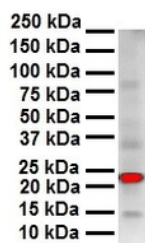
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WB Suggested Anti-SOX2 antibody Titration: 1 ug/ml, Sample Type: Human OVCAR-3.



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