

Product Datasheet

SOX2 Antibody (N-term) (orb1926810)

Catalog Number	orb1926810
Category	Antibodies
Description	Purified Rabbit Polyclonal Antibody (Pab)
Target	SOX2
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Immunogen	This SOX2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 30-63 amino acids from the N-terminal region of human SOX2.
UniProt ID	P48431
MW	34310 Da
Tested applications	IF, WB
Dilution range	IF - 1:25, WB - 1:1000
Clone Number	BTD73635

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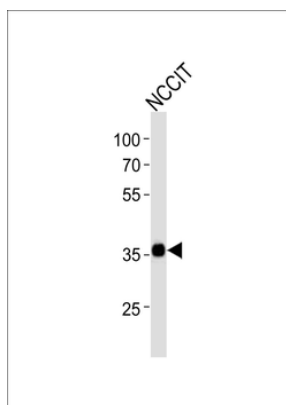
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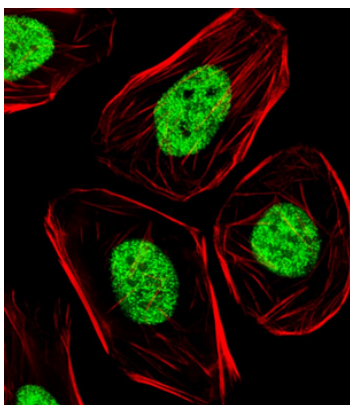
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Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
Note	For research use only
Expiration Date	12 months from date of receipt.



Western blot analysis of lysate from NCCIT cell line, using SOX2 Antibody (N-term). Diluted at 1:1000. A goat anti-rabbit IgG H&L (HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20 ug.



Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized U-2 OS (Human osteosarcoma cell line) cells labeling SOX2 at 1/25 dilution, followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (1583138) secondary antibody at 1/400 dilution (green). Confocal image showing nuclear staining on U-2 OS cell line. Cytoplasmic actin is detected with Alexa Fluor 555 conjugated with Phalloidin at 1/100 dilution (red).

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