

## Product Datasheet

# Sox-9 (phospho Ser181) rabbit pAb Antibody (orb770129)

<b>Catalog Number</b>	orb770129
<b>Category</b>	Antibodies
<b>Description</b>	Rabbit polyclonal antibody to Sox-9 (phospho-Ser181)
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse
<b>Concentration</b>	1 mg/ml
<b>Buffer/Preservatives</b>	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human SOX-9 around the phosphorylation site of Ser181. AA range:147-196
<b>MW</b>	56
<b>Tested applications</b>	ELISA, IF, IHC, WB
<b>Dilution range</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
<b>Source</b>	Rabbit

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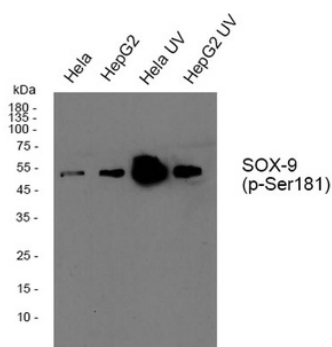
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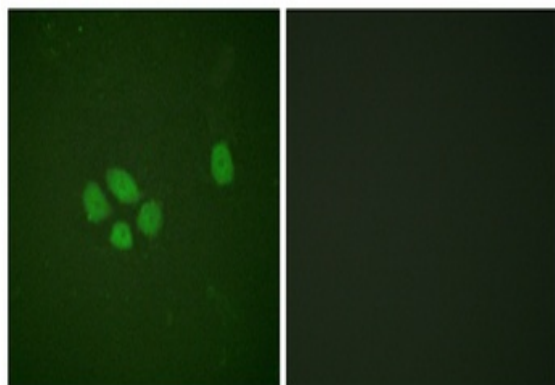
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<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



Western blot analysis of Sox-9 (phospho Ser181) Polyclonal Antibody, using HeLa, HepG2 cell treated or untreated with UV, 4°C over night, secondary antibody was diluted at 1:10000, 37°C 1hour.



Immunofluorescence analysis of A549 cells, using SOX-9 (Phospho-Ser181) Antibody. The picture on the right is blocked with the phospho peptide.

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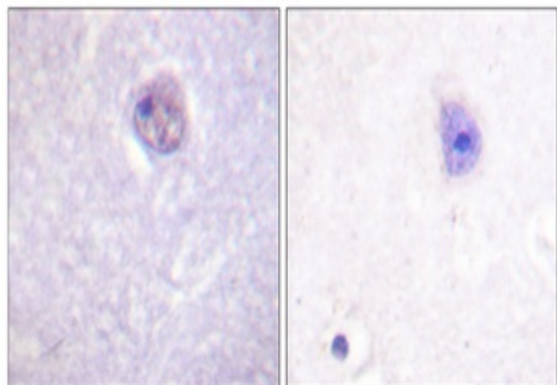
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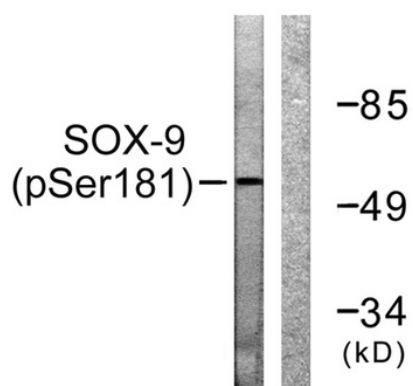
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Immunohistochemistry analysis of paraffin-embedded human brain, using SOX-9 (Phospho-Ser181) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from 293 cells treated with PBS 60', using SOX-9 (Phospho-Ser181) Antibody. The lane on the right is blocked with the phospho peptide.

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