

Product Datasheet

SOX9 Antibody (N-term) (orb1436885)

Catalog Number	orb1436885
Category	Antibodies
Description	Rabbit polyclonal antibody to SOX9.
Target	SOX9
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human
Predicted Reactivity	Mouse, Porcine, Rat
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	Synthetic Peptide
UniProt ID	P48436
MW	56137
Tested applications	IF, IHC-P, WB
Dilution range	IF - 1:10-50, WB - 1:1000, IHC-P - 1:10-50

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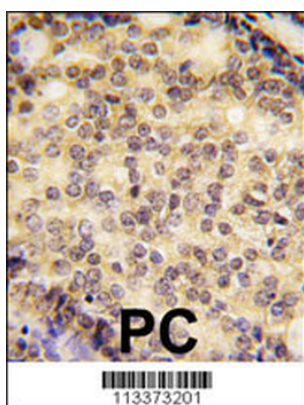
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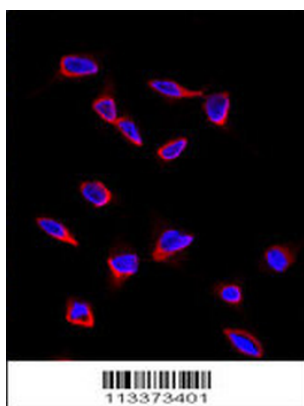
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Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
Note	For research use only
NCBI	NP_000337.1
Expiration Date	12 months from date of receipt.



Formalin-fixed and paraffin-embedded human prostate carcinoma tissue reacted with SOX9 antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Immunofluorescence analysis of anti-SOX9 Antibody (N-term) in HeLa Cells. 0.025 mg/ml primary antibody was followed by Alexa-Fluor-546-conjugated donkey anti-rabbit IgG (H+L). Alexa-Fluor-546 emits orange fluorescence. Blue counterstaining is DAPI.

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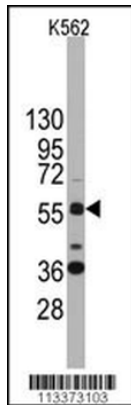
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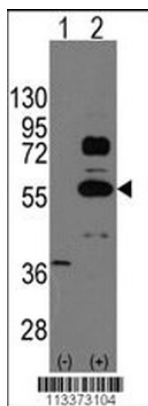
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Western blot analysis of anti-SOX9 Antibody (N-term) in K562 cell line lysates (35 ug/lane). SOX9 (arrow) was detected using the purified Pab.



Western blot analysis of SOX9 (arrow) using rabbit polyclonal SOX9 Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the SOX9 gene (Lane 2).

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