

Product Datasheet

SOX9 Antibody (orb315709)

Catalog Number	orb315709
Category	Antibodies
Description	The SOX9 Antibody is suitable for FC, IF, IHC, IP, WB. It is a Polyclonal, Unconjugated antibody which raised against KLH-conjugated synthetic peptide encompassing a sequence within the center region of human SOX9. The exact sequence is proprietary. Purification: The antibody was purified by immunogen affinity chromatography.
Clonality	Polyclonal
Species/Host	Rabbit
Conjugation	Unconjugated
Reactivity	Canine, Human, Mouse, Porcine, Rat
Form/Appearance	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purification	The antibody was purified by immunogen affinity chromatography.
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human SOX9. The exact sequence is proprietary.
UniProt ID	Q04887, P48436
Tested applications	FC, IF, IHC, IP, WB
Dilution range	WB: 1-500:1000, IHC-P: 1-100:200, IF/ICC: 1-100:500, IP: 1-10:100
Specificity	Recognizes endogenous levels of SOX9 protein.
Antibody Type	Primary Antibody

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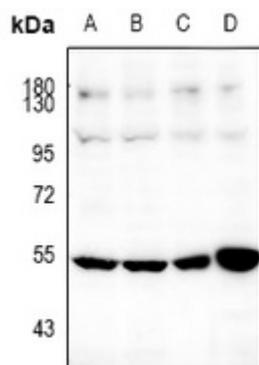
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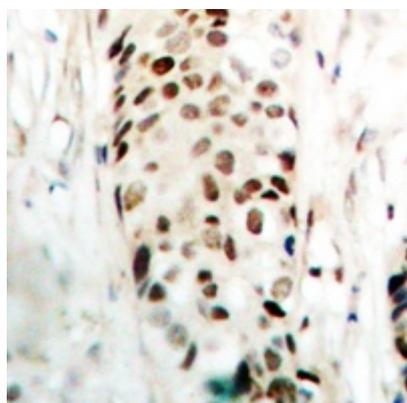
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Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Entrez	20682, 6662
Expiration Date	12 months from date of receipt.



Western blot analysis of SOX9 expression in MCF7 (A), Panc1 (B), 3T3L1 (C), A375 (D) whole cell lysates. (Predicted band size: 56 kDa; Observed band size: 56 kDa)



Immunohistochemical analysis of SOX9 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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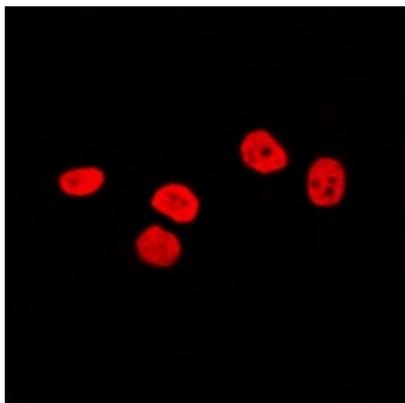
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Immunofluorescent analysis of SOX9 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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