

Sox2 Antibody, Rabbit PAb, Antigen Affinity Purified



Sino Biological
Biological Solution Specialist

Catalog Number: 100106-RP02

GENERAL INFORMATION

Immunogen:	A synthetic peptide corresponding to the N-terminus of the Human Sox2.
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the N-terminus of the Human Sox2, and purified by antigen affinity chromatography.
Ig Type:	Rabbit IgG
Specificity:	Human Sox2
Formulation:	0.2 µm filtered solution in PBS
Storage:	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

APPLICATIONS

Applications:	WB, IHC-P, IP
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RECOMMENDED CONCENTRATION

IHC-P	IHC-P: 1:500-1:2000
Western Blot	WB: 1:500-1:2000
Immunoprecipitation	IP: 0.5-2 µL/mg of lysate

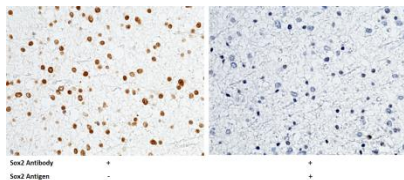
Please Note: Optimal concentrations/dilutions should be determined by the end user.

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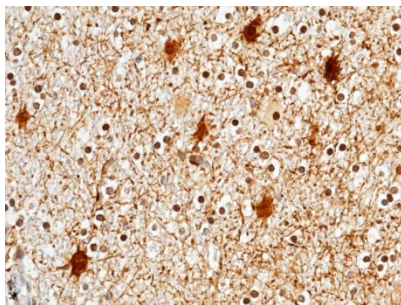


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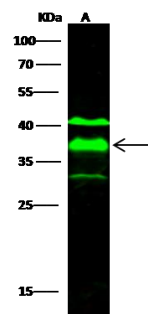
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Immunohistochemical staining of human Sox2 in human glioma with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections). The left panel: tissue incubated with primary antibody; The right panel: tissue incubated with the mixture of primary antibody and antigen (polypeptide).



Immunohistochemical staining of human Sox2 in human brain with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).



Anti-Sox2 rabbit polyclonal antibody at 1:500 dilution

Lane A: hESC-H9 Whole Cell Lysate

Lysates/proteins at 30 µg per lane.

Secondary

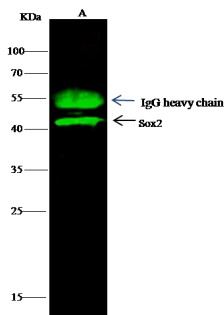
Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.

Developed using the Odyssey technique.
Performed under reducing conditions.

Predicted band size: 34 kDa

Observed band size: 37 kDa

(We are unsure as to the identity of these extra bands.)



Sox2 was immunoprecipitated using:

Lane A: 0.5 mg HepG2 Whole Cell Lysate

2 µL anti-Sox2 rabbit polyclonal antibody and
15 µL of 50 % Protein G agarose.

Primary antibody:

Anti-Sox2 rabbit polyclonal antibody, at 1:100 dilution

Secondary antibody:

Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution

Developed using the odyssey technique.
Performed under reducing conditions.

Predicted band size: 37 kDa

Observed band size: 41 kDa