Sox2 Antibody, Rabbit PAb, Antigen Affinity Purified

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℃-8℃ for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20℃ to -80℃. 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
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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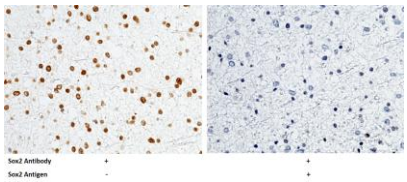
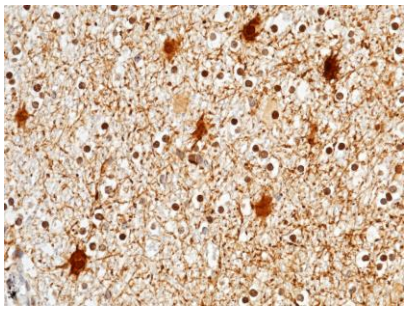
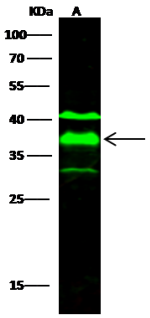


Immunochemical staining of human Sox2 in human glioma with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections). The left panel: tissue incubated with primary antibody; The right panel: tissue incubated with the mixture of primary antibody and antigen (polypeptide).



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

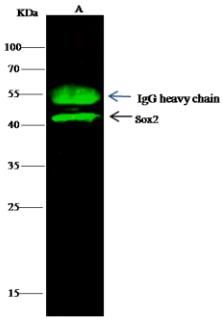


Anti-Sox2 rabbit polyclonal antibody at 1:500 dilution
Lane A: HESS9 Whole Cell Lysate

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 odssey technique.
Performed under reducing conditions.

Predicted band size: 37 kDa
Observed band size: 41 kDa