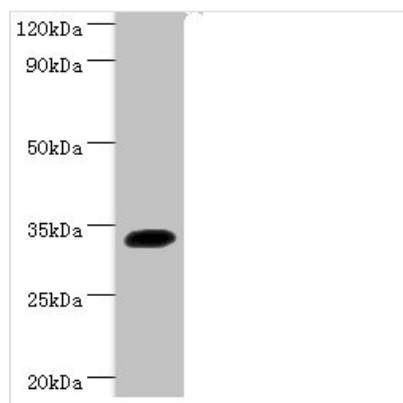




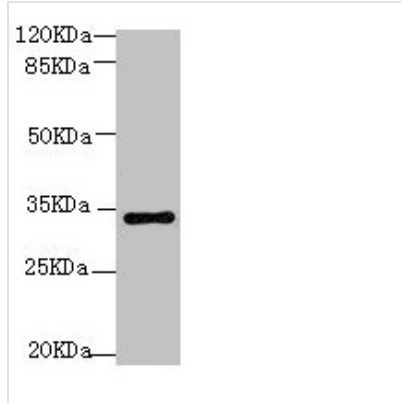
# SOX2 Antibody

<b>Product Code</b>	CSB-PA16539A0Rb
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	P48431
<b>Immunogen</b>	Recombinant Human Transcription factor SOX-2 protein (1-317AA)
<b>Raised In</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse
<b>Tested Applications</b>	ELISA, WB, IHC, IF; Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200
<b>Form</b>	Liquid
<b>Conjugate</b>	Non-conjugated
<b>Storage Buffer</b>	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
<b>Purification Method</b>	>95%, Protein G purified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Alias</b>	Transcription factor SOX-2, SOX2
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Research Area</b>	Neuroscience
<b>Target Names</b>	SOX2

## Image



Western blot  
 All lanes: Transcription factor SOX-2 antibody at 2µg/ml + Mouse kidney tissue  
 Secondary  
 Goat polyclonal to rabbit IgG at 1/15000 dilution  
 Predicted band size: 34 kDa  
 Observed band size: 34 kDa



**Western Blot**

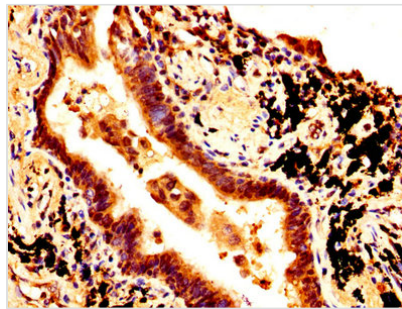
All lanes: Transcription factor SOX-2 antibody at 6µg/ml + 293T whole cell lysate

**Secondary**

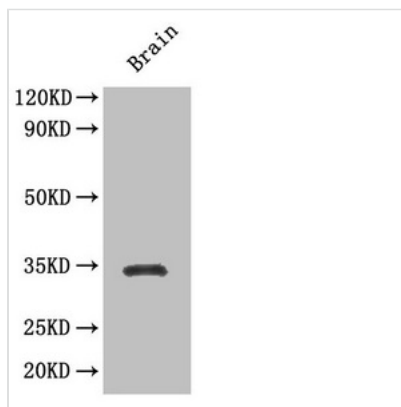
Goat polyclonal to rabbit IgG at 1/15000 dilution

Predicted band size: 34 kDa

Observed band size: 34 kDa



IHC image of CSB-PA16539A0Rb diluted at 1:500 and staining in paraffin-embedded human lung cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



**Western Blot**

Positive WB detected in: Mouse brain tissue

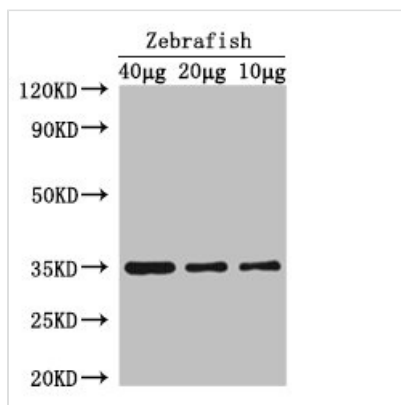
All lanes: SOX2 antibody at 3.5µg/ml

**Secondary**

Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 34 kDa

Observed band size: 34 kDa



**Western Blot**

Positive WB detected in: Zebrafish 40µg, 20µg, 10µg

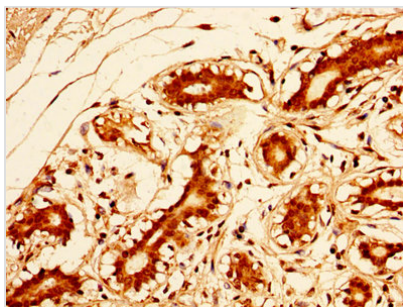
All lanes: Sox2 antibody at 3µg/ml

**Secondary**

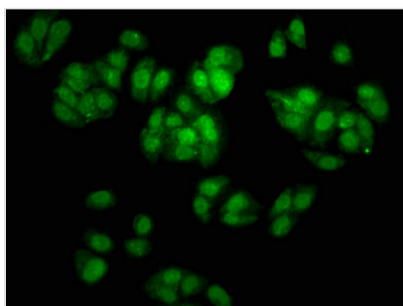
Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 35 kDa

Observed band size: 35 kDa



IHC image of CSB-PA16539A0Rb diluted at 1:500 and staining in paraffin-embedded human breast cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunofluorescence staining of HepG2 cells with CSB-PA16539A0Rb at 1:166, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).

## Usage

For Research Use Only. Not for use in diagnostic or therapeutic procedures.