

## Anti-SOX6 Antibody

Catalog #	Source	Reactivity	Applications
CPA4252	Rabbit	H, M, R, B, D, Mk, P	WB, IH, CHIP
<b>Description</b>	Rabbit polyclonal antibody to SOX6		
<b>Immunogen</b>	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human SOX6. The exact sequence is proprietary.		
<b>Purification</b>	The antibody was purified by immunogen affinity chromatography.		
<b>Specificity</b>	Recognizes endogenous levels of SOX6 protein.		
<b>Clonality</b>	Polyclonal		
<b>Conjugation</b>			
<b>Form</b>	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
<b>Dilution</b>	WB (1/500 - 1/1000), IH (1/100 - 1/200), CHIP (Use at an assay dependent concentration)		
<b>Gene Symbol</b>	SOX6		
<b>Alternative Names</b>	Transcription factor SOX-6		
<b>Entrez Gene</b>	55553 (Human); 20679 (Mouse)		
<b>SwissProt</b>	P35712 (Human); P40645 (Mouse)		
<b>Storage/Stability</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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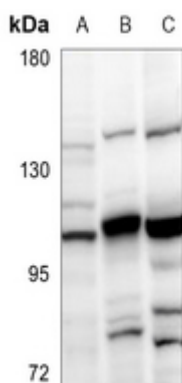
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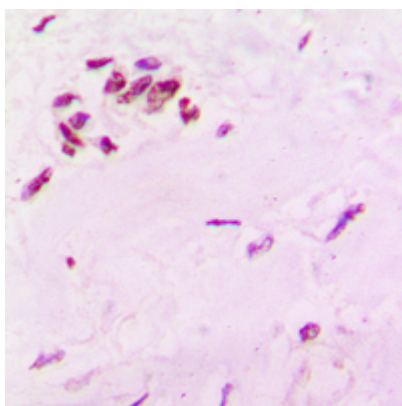
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## Product Data Sheet



Western blot analysis of SOX6 expression in A549 (A), C6 (B), SP20 (C) whole cell lysates. (Predicted band size: 88; 89; 91 kD; Observed band size: 110 kD)



Immunohistochemical analysis of SOX6 staining in human lung 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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