

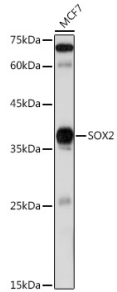
Anti-SOX2 Antibody (A12651)

Specifications:

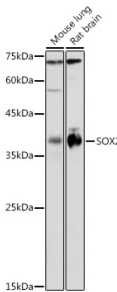
Name:	Anti-SOX2 Antibody
Description:	Rabbit polyclonal antibody to SOX2.
Applications:	WB, IHC, ICC/IF, IP
Recommended Dilutions:	WB: 1:500-1:1,000, IHC: 1:50-1:200, ICC/IF: 1:50-1:200, IP: 1:50-1:200
Reactivity:	Human, Mouse, Rat
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-140 of human SOX2 (NP_003097.1).
Sequence:	MYNMMETELKPPGPQQTSGGGGGNSTAAAAGGNQKNPDRVKRPMNAFMVWSRGQRRK MAQENPKMHNSEISKRLGAEWKLLSETEKRPFIDEAKRLRALHMKEHPDYKYRPRRKT KTLMKKDKYTLPGLLAPGGNSMA
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Conjugate:	Unconjugated
Purification:	Affinity purification.
Molecular Weight:	35 kDa
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline, pH 7.3, with 50% Glycerol and 0.05% Proclin 300.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

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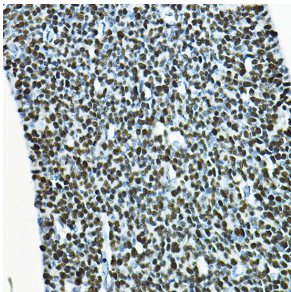
Images:



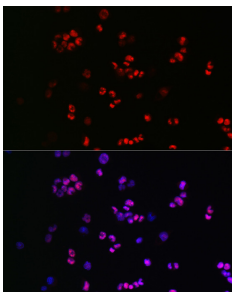
Western blot analysis of extracts of MCF7 cells, using Anti-SOX2 Antibody (A12651) at 1:1,000 dilution. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins were present at 25 μ g per lane. The blocking buffer used was 3% non-fat dry milk in TBST. Detection was with a ECL Basic Kit. Exposure time: 60s.



Western blot analysis of extracts of various cell lines, using Anti-SOX2 Antibody (A12651) at 1:1,000 dilution. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins were present at 25 μ g per lane. The blocking buffer used was 3% non-fat dry milk in TBST. Detection was with a ECL Basic Kit. Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded mouse embryos using Anti-SOX2 Antibody (A12651) at a dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunofluorescence analysis of F9 cells using Anti-SOX2 Antibody (A12651) at a dilution of 1:50 (40x lens). DAPI was used to stain the cell nuclei (blue).