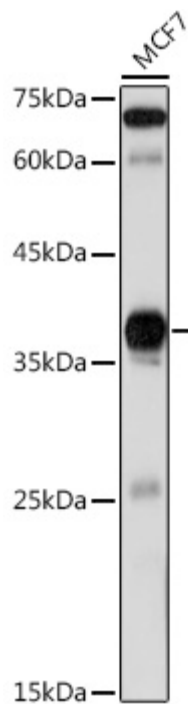
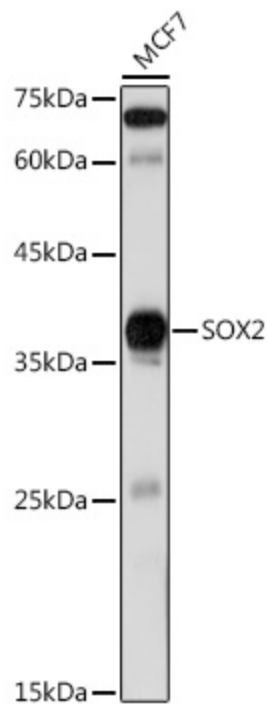


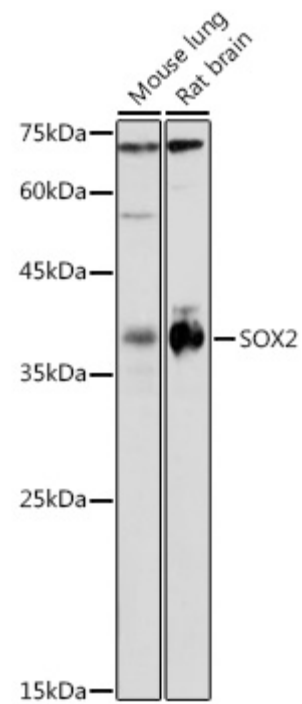
Product name:	SOX2
Cat number:	AB0561
Conjugate:	Unconjugated
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-140 of human SOX2 (NP_003097.1).
Reactivity:	Hu, Ms, Rt
Applications:	WB, IHC(P) IHC(F) IF, ICC
Molecular Weight:	35kDa
Purification:	Aff. Pur.
Form:	Liquid
Buffer:	PBS with 0.09% Sodium azide, 50% glycerol, pH 7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Background:	This intronless gene encodes a member of the SRY-related HMG-box (SOX) family of transcription factors involved in the regulation of embryonic development and in the determination of cell fate. The product of this gene is required for stem-cell maintenance in the central nervous system, and also regulates gene expression in the stomach. Mutations in this gene have been associated with optic nerve hypoplasia and with syndromic microphthalmia, a severe form of structural eye malformation. This gene lies within an intron of another gene called SOX2 overlapping transcript (SOX2OT).



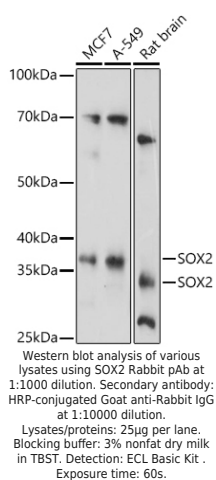
Western blot analysis of lysates from MCF7 cells, using SOX2 Rabbit pAb at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit . Exposure time: 60s.



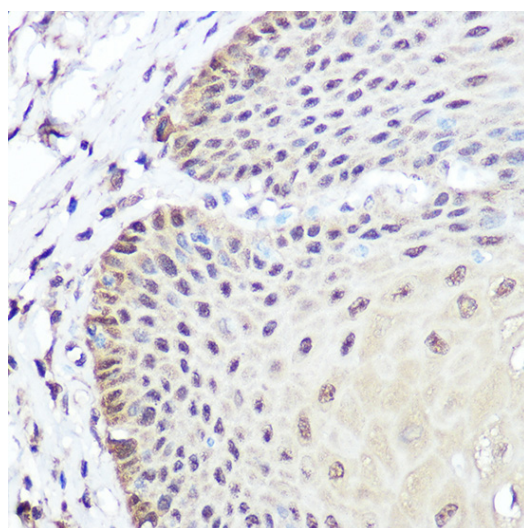
Western blot analysis of various lysates using SOX2 Rabbit pAb at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit . Exposure time: 180s.



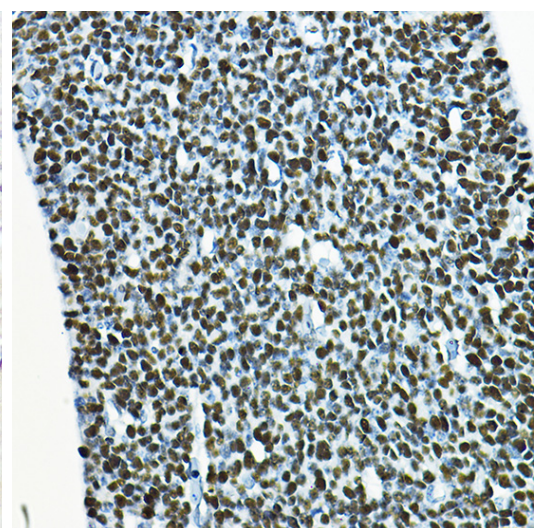
Western blot analysis of lysates from Mouse brain, using SOX2 Rabbit pAb at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit . Exposure time: 10s.



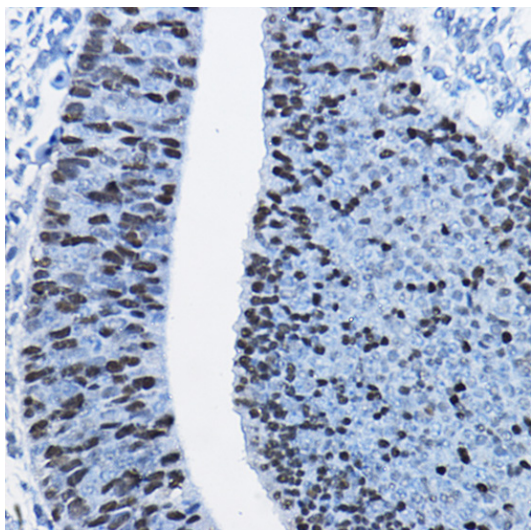
Western blot analysis of various lysates using SOX2 Rabbit pAb at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit . Exposure time: 60s.



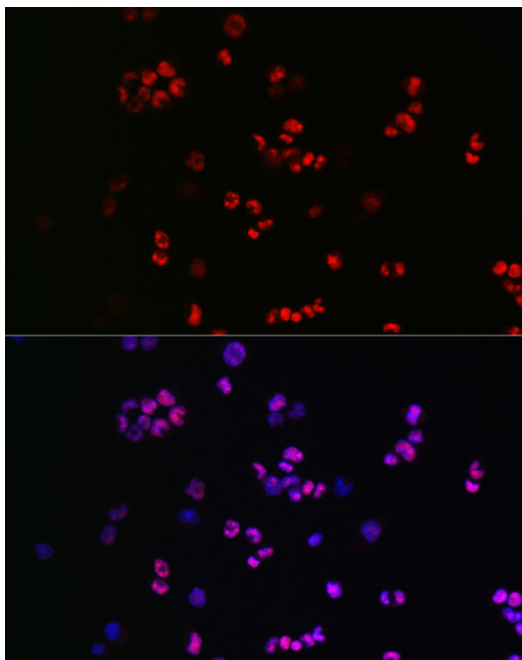
Immunohistochemistry analysis of paraffin-embedded Human esophageal using SOX2 Rabbit pAb at dilution of 1:100 . Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer prior to IHC staining.



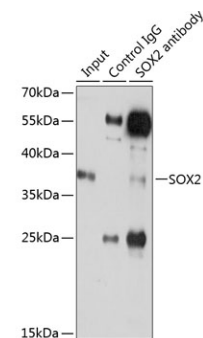
Immunohistochemistry analysis of paraffin-embedded Mouse embryos using SOX2 Rabbit pAb at dilution of 1:100 . High pressure antigen retrieval performed with 0.01M Citrate Buffer prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse embryos using SOX2 Rabbit pAb at dilution of 1:100 . High pressure antigen retrieval performed with 0.01M Citrate Bufferr prior to IHC staining.



Immunofluorescence analysis of F9 cells using SOX2 Rabbit pAb at dilution of 1:50 . Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 200 µg extracts of C6 cells using 3 µg SOX2 antibody . Western blot was performed from the immunoprecipitate using SOX2 antibody at a dilution of 1:500.