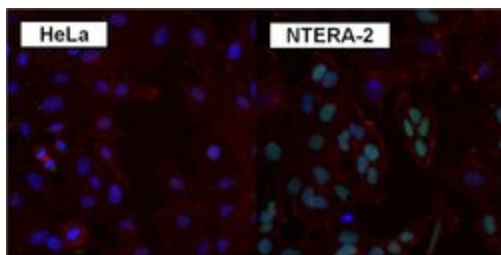


SOX2 Polyclonal Antibody

Product Details	
Size	100 µg
Species	Fish, Human, Mouse
Published Species	Human, Mouse
Expression System	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Full-length human recombinant protein expressed in bacteria
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	PBS with 1mg/mL BSA, 30% glycerol
Contains	0.05% sodium azide
Storage Conditions	-20°C
RRID	AB_2539862

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	1:100	-
Immunocytochemistry (ICC)	1:100-1:500	2 Publications
Immunofluorescence (IF)	1:100-1:500	13 Publications
Immunohistochemistry (Frozen) (IHC (F))	1:50-1:500	-
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:500	6 Publications
Immunoprecipitation (IP)	5 µg, 1:1000	-
Western Blot (WB)	1:1000	3 Publications
Immunohistochemistry (IHC)	-	13 Publications
In Situ Hybridization (ISH) (ISH)	-	1 Publication

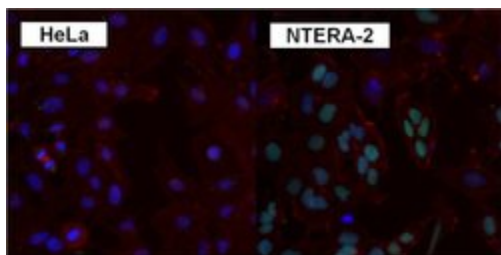
Advanced Verification Data



SOX2 Antibody (PA1-094)

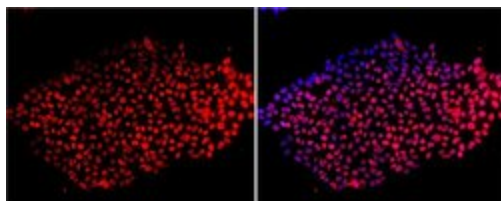
The specificity of anti-SOX2 polyclonal antibody (Product # PA1-094) was demonstrated by the immunofluorescence detection of specific expression of Sox2 in human embryonal carcinoma NTERA-2 cells (shown in green) but not in negative control HeLa cells. Relative expression validation info.

Product Images For SOX2 Polyclonal Antibody



SOX2 Antibody (PA1-094) in IF

Immunofluorescent analysis of SOX2 using anti-SOX2 polyclonal antibody (Product # PA1-094) shows specific expression in human embryonal carcinoma NTERA-2 cells (shown in green) but not in negative control HeLa cells. Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature. Cells were blocked with 1% Blocker BSA (Product # 37525) for 15 minutes at room temperature. Cells were probed with a rabbit polyclonal antibody recognizing SOX2 (Product # PA1-094), at a dilution of 1:200 for at least 1 hour at room temperature. Cells were washed with PBS and incubated with DyLight 488 goat-anti-rabbit IgG secondary antibody (Product # 35552) at a dilution of 1:400 for 30 minutes at room temperature. F-Actin (red) was stained with DY-547 phalloidin, nuclei (blue) were stained with Hoechst 33342 dye (Product # 62249). Images were taken on a Thermo Scientific ArrayScan at 20X magnification.



SOX2 Antibody (PA1-094) in IF

Immunofluorescent analysis of Sox-2 using anti-Sox-2 polyclonal antibody (Product # PA1-094) shows nuclear localization in the human embryonic stem cell line H9. Sox-2 staining (red) and an overlay image of Sox-2 with DAPI (pink) is shown. H9 cells were grown on matrigel coated chamber slides, fixed with formaldehyde and permeabilized with 0.1% Triton X-100 in TBS for 15 minutes at room temperature. The cells were probed with a rabbit polyclonal antibody recognizing Sox-2 (Product # PA1-094) at a dilution of 1:100 overnight at 4 °C, washed with PBS and incubated with a FITC-conjugated secondary antibody at a dilution of 1:100 for 60 minutes at room temperature. Images were taken at 20X magnification.

[View more figures on thermofisher.com](https://www.thermofisher.com)

Immunofluorescence (13)

Frontiers in medicine

Embryonic Stem Cell-Like Subpopulations in Venous Malformation.

"Published figure using SOX2 polyclonal antibody (Product # PA1-094) in Immunohistochemistry"

Authors: Tan EMS,Siljee SD,Brasch HD,Enriquez S,Tan ST,Itinteang T

Species

Not Applicable

Dilution

Not Cited

Year

2020

Frontiers in surgery

Cancer Stem Cells in Moderately Differentiated Lip Squamous Cell Carcinoma Express Components of the Renin-Angiotensin System.

Authors: Ram RS,Brasch HD,Dunne JC,Davis PF,Tan ST,Itinteang T

Species

Human
Not Applicable

Dilution

1:200

1:200

Year

2020

[View more IF references on thermofisher.com](#)

Immunohistochemistry (13)

Frontiers in medicine

Embryonic Stem Cell-Like Subpopulations in Venous Malformation.

"Published figure using SOX2 polyclonal antibody (Product # PA1-094) in Immunohistochemistry"

Authors: Tan EMS,Siljee SD,Brasch HD,Enriquez S,Tan ST,Itinteang T

Species

Not Applicable

Dilution

Not Cited

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Frontiers in surgery

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Species

Human
Not Applicable

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1:200

1:200

Year

2020

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More applications with references on thermofisher.com

IHC (P) (6)

WB (3)

ICC (2)

ISH (1)

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