

Rabbit SOX-2 Monoclonal Antibody | anti-SOX-2 antibody

SOX-2 (RM427)

CATALOG # AAA59412	HOST Rabbit	REACTIVITY Human, Predicted: Mouse
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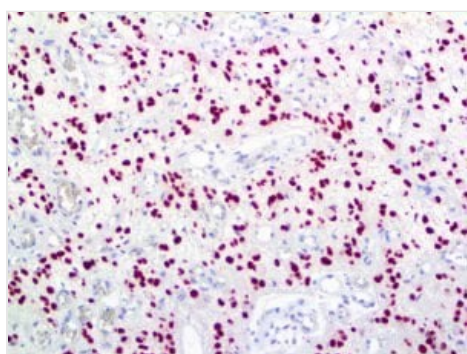
PRODUCT SYNONYMS

SOX-2; Monoclonal Antibody; SOX-2 (RM427); Sox2; anti-sox-2; anti-sox2; sox 2; sox-2; anti sox-2; Sox 2;anti Sox 2; anti Sox-2; anti Sox2; anti SRY-related HMG-box transcription factor 2; anti-Sox 2; anti-Sox-2; anti-Sox2; anti-SRY-related HMG-box transcription factor 2; SRY-related HMG-box transcription factor 2; ANOP3; MCOPS3; MGC2413; SRY sex determining region Y box 2; SRY related HMG box gene 2; transcription factor SOX 2; transcription factor SOX2; anti-SOX-2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Predicted: Mouse
Clonality	Monoclonal
Isotype	IgG
Clone Number	RM427
Form/Format	Paraffin, Frozen Anti-SOX-2 is a rabbit monoclonal antibody derived from cell culture supernatant that is concentrated, dialyzed, filter sterilized and diluted in buffer pH7.5, containing BSA and sodium azide as a preservative.
Immunogen	A peptide corresponding to the C-terminus of human SOX2
Control	Brain, Oligodendroglioma, Squamous Cell Carcinoma
Localization	Nuclear
Preparation and Storage	Store at 2-8 degree C (Control Slides: Store at 20-25 degree C)

IMAGES



IHC (Immunohistochemistry)
SOX-2 Antibody Immunohistochemistry on an FFPE Brain Tissue

Antibody Type	Dilution	Volume/Qty
Prediluted	Ready-To-Use	3.0 ml
Prediluted	Ready-To-Use	7.0 ml
Prediluted	Ready-To-Use	15.0 ml
Concentrated	1:50-1:200	0.1 ml
Concentrated	1:50-1:200	0.5 ml
Concentrated	1:50-1:200	1.0 ml
Control Slides		5

Dilution Info

ADDITIONAL INFORMATION

Related Product Information for anti-SOX-2 antibody	SRY (sex determining region Y)-box 2, also known as SOX-2, is a transcription factor that is essential for maintaining self-renewal, or pluripotency, of undifferentiated embryonic stem cells. It is required for stem cell maintenance in the central nervous system, and it also regulates gene expression in the stomach. SOX-2 antibody is expressed in fetal brain and is used as a marker for multipotential neural stem cells. In tumors, SOX-2 expression is observed in teratoma of the central nervous system, melanoma, testicular germ cell tumor, cervical carcinoma, lung cancer, breast cancer with basal cell phenotype, and squamous cell carcinoma of the gastrointestinal tract. SOX-2 may be useful in the identification of embryonal carcinoma. In stage I lung adenocarcinomas, SOX2 seems to be an independent predictor of poor outcome and may help stratify patients at increased risk for recurrence.
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/sox-2-antibody-clone-rm427-elisa/59412>