

SOX2 Polyclonal Antibody

catalog number: **E-AB-18159**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

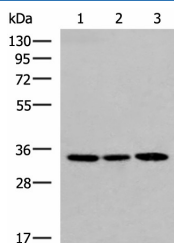
Description

Reactivity	Human;Mouse
Immunogen	Synthetic peptide of human SOX2
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

Applications	Recommended Dilution
WB	1:1000-1:5000
IHC	1:30-1:150

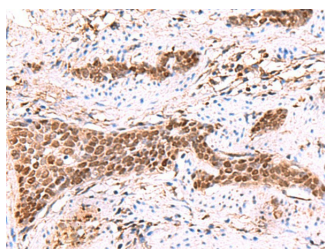
Data



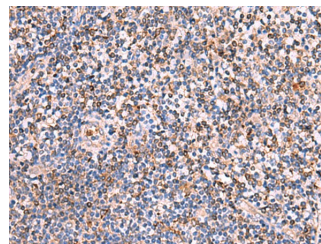
Western blot analysis of 293T and HepG2 cell lysates using SOX2 Polyclonal Antibody at dilution of 1:800

Observed-MW:Refer to figures

Calculated-MW:34 kDa



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using SOX2 Polyclonal Antibody at dilution of 1:35(×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using SOX2 Polyclonal Antibody at dilution of 1:35(×200)

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

Sox2,also known as SRY (sex determining region Y)-box 2,is a transcription factor essential for maintaining self-renewal of undifferentiated ES cells and is one of the key transcription factors used to reprogram mouse and human fibroblasts to a pluripotent state. Sox2 expressed in undifferentiated pluripotent stem cells and germ cells during development.

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