



Rabbit anti SOX-17 Polyclonal Antibody

Alternative Name(s): SRY (sex determining region Y)-box 17; VUR3

Order Information

- **Description:** SOX-17
- **Catalogue:** 601-550
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Rabbit
- **Clone:** nan
- **Application:** IHC(P), WB
- **Reactivity:** Hu

ANTIGEN PREPARATION

A synthetic peptide of human SOX17 protein

BACKGROUND

The SOX17 is a transcription factor, a member of the SRY-related HMG-box (SOX) family involved in the regulation of embryonic development and in the determination of cell fate. SOX17 may act as a transcriptional regulator after forming a protein complex with other proteins.

PURIFICATION

The Rabbit IgG is purified by Epitope Affinity Purification

FORMULATION

This affinity purified antibody is supplied in sterile Phosphatebuffered saline (pH7.2) containing antibody stabilizer

SPECIFICITY

This antibody recognizes SOX-17 protein. It also reacts with human, mouse and rat. The other species are not tested.

STORAGE

The antibodies are stable for 24 months from date of receipt when stored at -20°C to -70°C. The antibodies can be stored at 2°C-8°C for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

APPLICATIONS/SUGGESTED WORKING DILUTIONS*

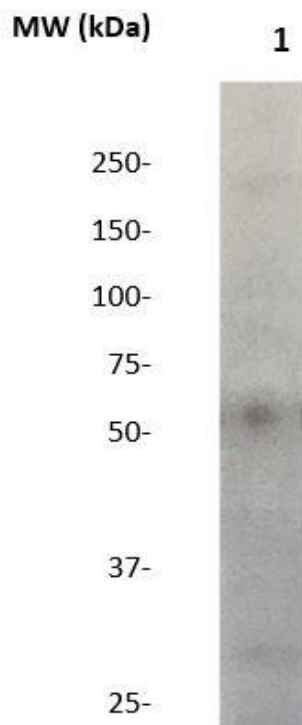
- Western Blot: 0.1-1 µg/ml
- ELISA: 0.01-0.1 µg/ml
- Immunoprecipitation: 2-5 µg/ml
- IHC: 2-10 µg/ml
- Flow cytometry: Not tested
- Molecular Weight: 44.0
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

*Optimal dilutions should be determined by researchers for the specific applications.

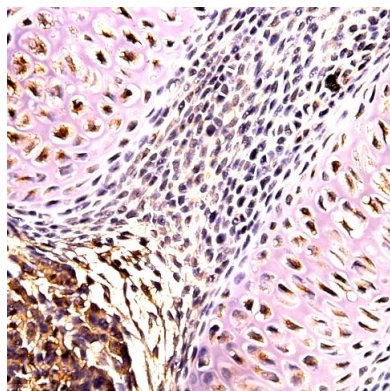
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DATA ATTACHMENTS



Western Blot: The whole cell lysate derived from mouse embryonic tissue (20 ug/lane) immunoblotted by Rabbit anti-SOX-3 (Cat#601-500) at 1:500. Observed a major immunoreactive band at molecular weight ~50 kDa



Immunohistochemistry: Mouse embryonic tissue (FFPE) stained with Rabbit anti-SOX-17 antibody (Cat# 601-550) at 1:200 for 10 min @ RT. Staining of formalin-fixed tissue requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.

REFERENCES

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