

Sox-17 Polyclonal Antibody

Catalog # AP73238

Specification

Sox-17 Polyclonal Antibody - Product Information

Application Primary Accession Reactivity Host Clonality WB <u>O9H6I2</u> Human, Mouse Rabbit Polyclonal

Sox-17 Polyclonal Antibody - Additional Information

Gene ID 64321

Other Names SOX17; Transcription factor SOX-17

Dilution WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions -20°C

Sox-17 Polyclonal Antibody - Protein Information

Name SOX17

Function

Acts as a transcription regulator that binds target promoter DNA and bends the DNA. Binds to the sequences 5'-AACAAT-'3 or 5'- AACAAAG-3'. Modulates transcriptional regulation via WNT3A. Inhibits Wnt signaling. Promotes degradation of activated CTNNB1. Plays a key role in the regulation of embryonic development. Required for normal development of the definitive gut endoderm. Required for normal looping of the embryonic heart tube. Plays an important role in embryonic and postnatal vascular development, including development of arteries. Plays an important role in postnatal angiogenesis, where it is functionally redundant with SOX18. Required for the generation and maintenance of fetal hematopoietic stem cells, and for fetal hematopoiesis. Probable transcriptional activator in the premeiotic germ cells.

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00267}.

Tissue Location

Expressed in adult heart, lung, spleen, testis, ovary, placenta, fetal lung, and kidney. In normal gastrointestinal tract, it is preferentially expressed in esophagus, stomach and small intestine than



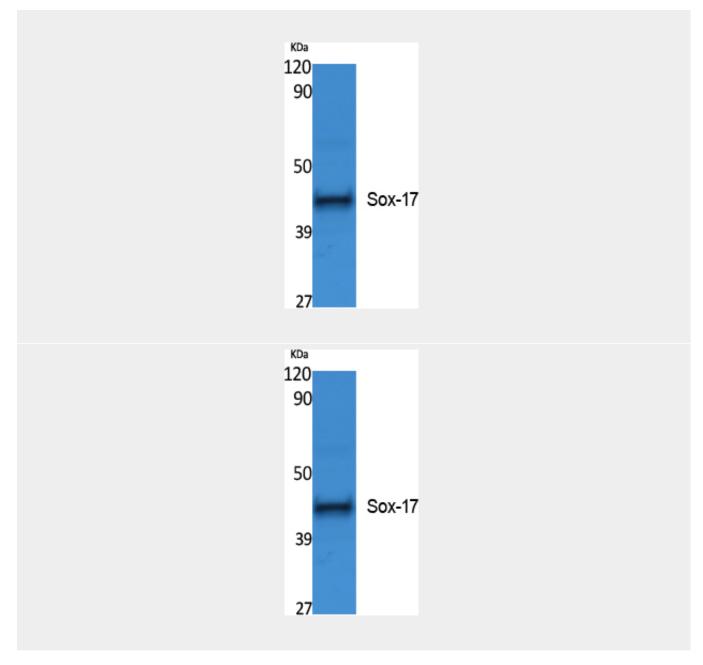
in colon and rectum.

Sox-17 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

Sox-17 Polyclonal Antibody - Images





Sox-17 Polyclonal Antibody - Background

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