

SOX13 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54557**Specification**

SOX13 Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, ICC
Primary Accession	O9UN79
Reactivity	Rat, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	69228

SOX13 Polyclonal Antibody - Additional Information**Gene ID** 9580**Other Names**

Transcription factor SOX-13, Islet cell antigen 12, SRY (Sex determining region Y)-box 13, Type 1 diabetes autoantigen ICA12, SOX13

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

SOX13 Polyclonal Antibody - Protein Information**Name** SOX13**Function**

Transcription factor that binds to DNA at the consensus sequence 5'-AACAAAT-3' (PubMed:10871192). Binds to the proximal promoter region of the myelin protein MPZ gene, and may thereby be involved in the differentiation of oligodendroglia in the developing spinal tube (By similarity). Binds to the gene promoter of MBP and acts as a transcriptional repressor (By similarity). Binds to and modifies the activity of TCF7/TCF1, thereby inhibiting transcription and modulates normal gamma-delta T-cell development and differentiation of IL17A expressing gamma-delta T-cells (By similarity). Regulates expression of BLK in the differentiation of IL17A expressing gamma-delta T-cells (By similarity). Promotes brown adipocyte differentiation (By similarity). Inhibitor of WNT signaling (PubMed:20028982).

Cellular Location

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

Tissue Location

Expressed in exocrine cells and islets of Langerhans in the pancreas (at protein level) (PubMed:10871192) Expressed in the pancreas, placenta, kidney, brain, heart, lung, and liver (PubMed:10871192, PubMed:20028982). Expressed in adipose tissue, cervix, colon, esophagus, ovary, prostate, small intestine, spleen, testicle, thymus and thyroid (PubMed:20028982)

SOX13 Polyclonal Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SOX13 Polyclonal Antibody - Images