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**Product Name: TBX18 Rabbit Polyclonal Antibody****Catalog #: APRab18702**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,ELISA 1:10000-1:20000
<b>Molecular Weight</b>	68kDa

**Antigen Information**

<b>Gene Name</b>	TBX18
<b>Alternative Names</b>	TBX18; T-box transcription factor TBX18; T-box protein 18
<b>Gene ID</b>	9096.0
<b>SwissProt ID</b>	O95935
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human TBX18. AA range:121-170

**Background**

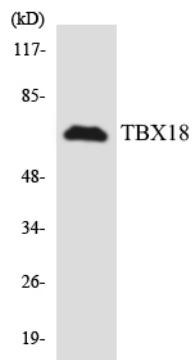
T-box 18(TBX18) Homo sapiens This genes codes for a member of an evolutionarily conserved family of transcription factors

that plays a crucial role in embryonic development. The family is characterized by the presence of the DNA-binding T-box domain and is divided into five sub-families based on sequence conservation in this domain. The encoded protein belongs to the vertebrate specific Tbx1 sub-family. The protein acts as a transcriptional repressor by antagonizing transcriptional activators in the T-box family. The protein forms homo- or heterodimers with other transcription factors of the T-box family or other transcription factors. [provided by RefSeq, Nov 2012],function:Probable transcriptional regulator involved in developmental processes.,similarity:Contains 1 T-box DNA-binding domain.,

## Research Area

Epigenetics and Nuclear Signaling; Transcription; Domain Families; Developmental Families; Transcription Factors; Cardiovascular; Heart; Cardiogenesis; Transcription factors/regulators

## Image Data



Western blot analysis of the lysates from HT-29 cells using TBX18 antibody.