



TBX10, T-box 10 polyclonal antibody

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Box 1 | Basic Info

Cat. No.	ABP-PAB-11143
Animal ID	RB0185-0186
Host	Rabbit
Reactivity	Human
Format	Purified
Accession number	NM_005995
Amount	100 µg

Alternative Name(s):

N/A

References:

1. Law DJ, Garvey N, Agulnik SI, Perlroth V, Hahn OM, Rhinehart RE, Gebuhr TC, Silver LM: TBX10, a member of the Tbx1-subfamily of conserved developmental genes, is located at human chromosome 11q13 and proximal mouse chromosome 19. Mamm. Genome. 9(5): 397-399 (1998).

T-box transcription factors contain a novel type of DNA-binding domain, the T-box domain, which are encoded by an ancient gene family. Four T-box genes, omb, Trg, org-1, and H15, have been identified in *Drosophila*, whereas in mammals the T-box gene family has expanded, and 12 human T-box genes have been isolated. Most T-box genes have discrete spatial and temporal patterns of expression during embryogenesis. The function of T-box 10 (TBX10) is currently unknown.

Buffers

Purified rabbit polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column and eluted out with both high and low pH buffers and neutralized immediately after elution then followed by dialysis against PBS.

Immunogen

KLH conjugated synthetic peptide comprised of amino acids 295 - 311 [SASTSKTPAWLHHQGGL] of the human T-box 10 (TBX10) protein.

Application

Tested by peptide-specific ELISA (1:1,000).

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C. Avoid repeated freeze-thaw cycles.