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Mouse T Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20762c

Product Information

Application	WB, E
Primary Accession	P20293
Reactivity	Mouse
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB50980
Calculated MW	47440

Additional Information

Gene ID	20997
Other Names	Brachyury protein, Protein T, T
Target/Specificity	This Mouse T antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 408-442 amino acids from the C-terminal region of human Mouse T.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Mouse T Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Tbxt {ECO:0000250|UniProtKB:O15178}
Function	Involved in the transcriptional regulation of genes required for mesoderm formation and differentiation (PubMed:7588606). Binds to a palindromic T site 5'-TTCACACCTAGGTGTGAA-3' DNA sequence and activates gene transcription when bound to such a site (PubMed:7588606, PubMed:8344258).

Cellular Location Nucleus.

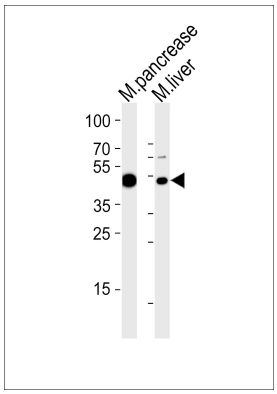
Background

Involved in the transcriptional regulation of genes required for mesoderm formation and differentiation. Binds to a palindromic site (called T site) and activates gene transcription when bound to such a site.

References

Herrmann B.G.,et al.Nature 343:617-622(1990).
Kispert A.,et al.EMBO J. 12:3211-3220(1993).
Kispert A.,et al.EMBO J. 14:4763-4772(1995).

Images



Western blot analysis of lysates from mouse pancrease and mouse liver tissue lysate (from left to right), using Mouse T Antibody (C-term)(Cat. #AP20762c). AP20762c was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.