

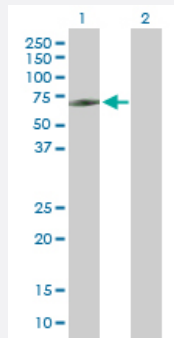
MaxPab®

TBX21 MaxPab mouse polyclonal antibody (B01P)

Catalog # H00030009-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of TBX21 expression in transfected 293T cell line ([H00030009-T02](#)) by TBX21 MaxPab polyclonal antibody.

Lane 1: TBX21 transfected lysate(58.30 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human TBX21 protein.

Immunogen

TBX21 (AAH39739.1, 1 a.a. ~ 535 a.a) full-length human protein.

Sequence

MGVEPGCGDMLTGTEPMPSDEGRAPGADPQHRYFYPEPGAQDADERRGGGSLGSPYPGGA
LVPAPPSRFLGAYAYPPRPQAAGFPGAGESFPPPADAEGYQPGEYAAPDPRAGLYPGPREDY
ALPAGLEVSGKLRVALNNHLLWSKFNQHQTEMITKQGRRMFPLSFTVAGLEPTSHYRMFVDVV
LVDQHHWRYQSGKWWQCCKAEGSMPGNRLYVHPDSPNTGAHWMRQEVSGFKLKLNNKGAS
NNVTQMVLQSLHKYQPRHIVEVNDGEPEAACNASNTHIFTFQETQFIAVTAYQNAEITQLKIDNNP
FAKGFRENFESMYTSVDTSPSPGPNCQFLGGDHYSPLLPNQYPVPSRFYDPDLPQAKDVVPQ
AYWLGAPRDHSYAEFRAVSMKPAFLPSAPGPTMSYRGQEVLPAGAGWPVAPQYPPKMGPA
SWFRPMTLPMEPGPGGSEGRGPEDQGPPLVWTEIAPIRPESSDSGLGEGDSKRRRVSPYPSS
GDSSSPAGAPSPFDKEAEGQFYNYFPN

Host

Mouse

Reactivity

Human

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — TBX21

Entrez GeneID [30009](#)

GeneBank Accession# [NM_013351.1](#)

Protein Accession# [AAH39739.1](#)

Gene Name TBX21

Gene Alias T-PET, T-bet, TBET, TBLYM

Gene Description T-box 21

Omim ID [208550 604895](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is a member of a phylogenetically conserved family of genes that share a common DN A-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. This gene is the human ortholog of mouse Tbx21/Tbet gene. Studies in mouse show that Tbx21 protein is a Th1 cell-specific transcription factor that controls the expression of the hallmark Th1 cytokine, interferon-gamma (IFNG). Expression of the human ortholog also correlates with IFNG expression in Th1 and natural killer cells, suggesting a role for this gene in initiating Th1 lineage development from naive Th precursor cells. [provided by RefSeq]

Other Designations T-box expressed in T cells|T-cell-specific T-box transcription factor

Disease

- [Arthritis](#)

- [Asthma](#)
- [Bronchial Hyperreactivity](#)
- [Bronchiolitis](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Drug Hypersensitivity](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis B](#)
- [Hypersensitivity](#)
- [Infant](#)
- [Inflammation](#)
- [Lupus Erythematosus](#)
- [Respiratory Syncytial Virus Infections](#)
- [Scleroderma](#)