003216589045 (EU)
0203393 8531 (UK)
(408)780-0908 (US)
info@gentaur.com
www.caslab.com

TBX21 Polyclonal Antibody

Cat #: G-AB-10518

Host: Rabbit **Reactivity:** Human

Isotype: IgG **Clonality:**

Overview:
This gene is a member of a phylogenetically conserved family of genes that share a common DNA-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.

Gene ID: 30009

Accession #:

Immunogen: Recombinant fusion protein of human TBX21 (NP_037483.1).

Conjugation: Unconjugated

Swissprot: Q9UL17

Calculated Molecular Weight: 58 kDa

Observed Molecular Weight: 58 kDa

Concentration: 1 mg/mL

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3

Purification Method: Affinity purification

Application: WB

Dilution: WB 1:500-1:1000

Storage: Store at -20°C. Avoid freeze / thaw cycles.