

Datasheet for ABIN701395

anti-T-Bet antibody[Go to Product page](#)**1** Image**1** Publication

Overview

| | |
|--------------|---|
| Quantity: | 100 µL |
| Target: | T-Bet |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This T-Bet antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

| | |
|-------------------|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human Tbx21 |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|--|
| Target: | T-Bet |
| Alternative Name: | Tbx21/T-Bet (T-Bet Products) |
| Background: | Synonyms: T bet, T box 21, T box expressed in T cells, T box protein 21, T box transcription factor TBX21, T cell specic T box transcription factor, T cell specic T box transcription factor T bet, T PET, TBET, TBLYM, TBX 21, TBX21, TPET, Transcription factor TBLYM, TBX21_HUMAN, |

Target Details

T-box transcription factor TBX21, T-box protein 21, T-cell-specific T-box transcription factor Tbet, Transcription factor TBLYM.

Background: 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. [provided by RefSeq, Jul 2008].

Gene ID: 30009

Application Details

Application Notes: WB: (1:100-1000), IHC-P: (1:100-500), IF(IHC-P): (1:50-200)
Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 1 % BSA, 50 % glycerol and 0.09 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

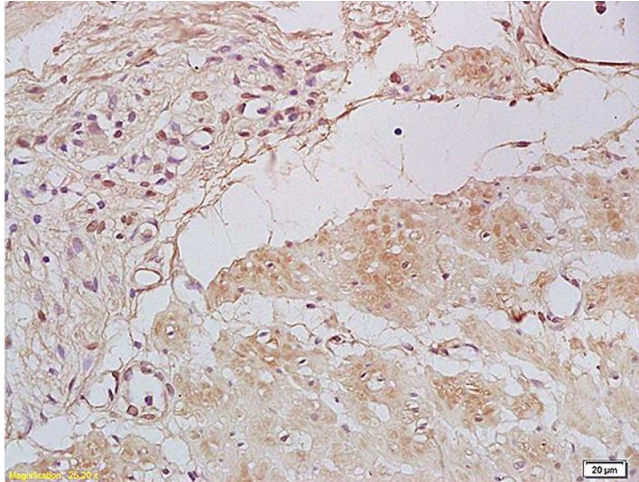
Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months

Publications

Product cited in: Bang, Seo, Seo, Jo, Jung, Yu, Park, Park: "Bacillus subtilis KCTC 11782BP-Produced Alginate Oligosaccharide Effectively Suppresses Asthma via T-Helper Cell Type 2-Related Cytokines." in:

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human gastric carcinoma labeled with Anti Tbx21/T-bet Polyclonal Antibody, Unconjugated (ABIN701395) at 1:200 followed by conjugation to the secondary antibody and DAB staining.