

Rabbit anti-Human, Mouse T-bet Polyclonal Antibody | anti-T-bet antibody

T-bet Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312109	Rabbit	Human, Mouse	Flow Cytometry, Functional Assay, Western Blot

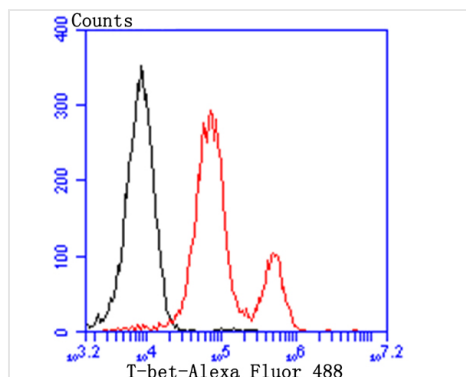
PRODUCT SYNONYMS

T-bet; Polyclonal Antibody; T-bet Antibody; T bet antibody; T box 21 antibody; T box expressed in T cells antibody; T box protein 21 antibody; T box transcription factor TBX21 antibody; T cell specific T box transcription factor antibody; T cell specific T box transcription factor T bet antibody; T PET antibody; T-box protein 21 antibody; T-box transcription factor TBX21 antibody; T-cell-specific T-box transcription factor T-bet antibody; TBET antibody; TBLYM antibody; TBX 21 antibody; Tbx21 antibody; TBX21_HUMAN antibody; TPET antibody; Transcription factor TBLYM antibody; anti-T-bet antibody

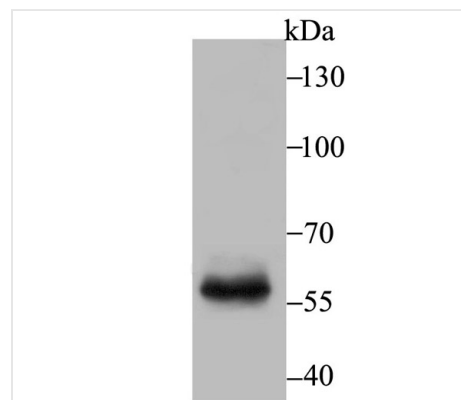
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Peptide affinity purified.
Form/Format	1*TBS (pH7.4), 0.5%BSA, 50%Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-T-bet antibody	FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	Synthetic peptide within human T-bet aa 480-530.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES


FCM/FACS (Flow Cytometry)

Flow cytometric analysis of Jurkat cells with T-bet antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.


WB (Western Blot)

Western blot analysis of T-bet on mouse marrow tissue lysate using anti-T-bet antibody at 1/500 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-T-bet antibody	T helper (Th) lymphocytes differentiate into two unique subsets, Th1 and Th2, which differ both in function and in the cytokines they secrete. Th1 and Th2 cytokines promote the growth and differentiation of their subset, and inhibit the growth and differentiation of the opposing subset. T-bet (T box expressed in T cells) is a Th1-specific T box transcription factor that controls the expres-sion of the Th1 cytokine, IFN-gamma. T-bet also converts effector Th2 cells into the opposing Th1 subset. T-bet is selectively expressed in Th1 cells. The level of T-bet expression is increased by signals mediated by the T cell receptor (TCR). IL-12 also induces an increase in the level of T-bet. T-bet was originally isolated from nuclear extracts of resting and PMA/ionomycin-activated AE7 cells. T-bet is expressed in low levels in AE7 cells, and in increased levels in stimulated AE7.
Product Categories/Family for anti-T-bet antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	247269497
NCBI GeneID	57765
NCBI Accession #	NP_062380.2
NCBI GenBank Nucleotide #	NM_019507.2
UniProt Accession #	Q9JKD8; Q9R0A6
Molecular Weight	57,852 Da
NCBI Official Full Name	T-box transcription factor TBX21
NCBI Official Synonym Full Names	T-box 21
NCBI Official Symbol	Tbx21
NCBI Official Synonym Symbols	TBT1; Tbet; Tblym
NCBI Protein Information	T-box transcription factor TBX21; T-box protein 21; transcription factor TBLYM; T-cell-specific T-box transcription factor T-bet
UniProt Protein Name	T-box transcription factor TBX21
UniProt Gene Name	Tbx21
UniProt Synonym Gene Names	Tbet; Tblym; T-box protein 21
UniProt Entry Name	TBX21_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/t-bet-antibody-flow-cytometry-western-blot-elisa/312109>