

Rabbit anti-Human TCRB Polyclonal Antibody | anti-TCRB antibody

TCRB Antibody (Center)

CATALOG # AAA285774	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
-------------------------------	-----------------------	----------------------------	--

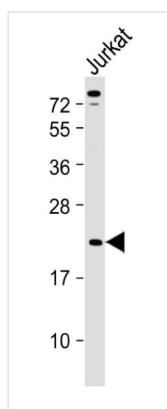
PRODUCT SYNONYMS

TCRB; Polyclonal Antibody; TCRB Antibody (Center); T-cell receptor beta chain V region CTL-L17; anti-TCRB antibody

PRODUCT SPECIFICATIONS

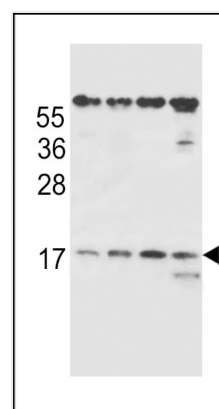
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TCRB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 67-94 amino acids from the Central region of human TCRB.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Sequence Positions	67-94
Sequence Length	133
Applicable Applications for anti-TCRB antibody	ELISA, WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



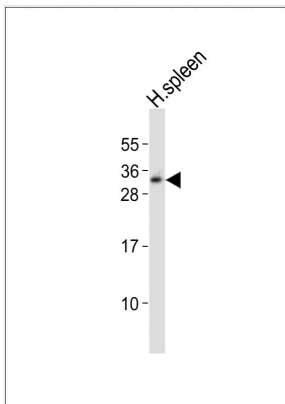
WB (Western Blot)

Anti-TCRB Antibody (Center) at 1:2000 dilution + Jurkat whole cell lysate Lysates/proteins at 20ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 15 kDa Blocking/Dilution buffer: 5% NFD/MTBST.



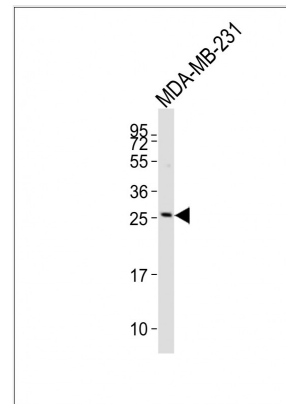
WB (Western Blot)

TCRB Antibody (Center) western blot analysis in MDA-MB231, HEK293, Ramos, NCI-H460 cell line lysates (35ug/lane). This demonstrates the TCRB antibody detected the TCRB protein (arrow).



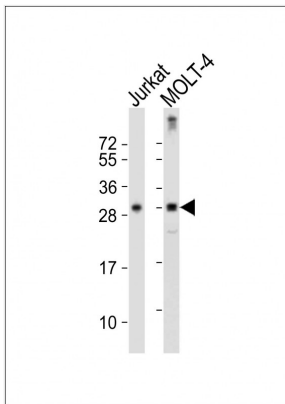
WB (Western Blot)

Anti-TCRB Antibody (Center) at 1:1000 dilution + human spleen lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size :15 kDaBlocking/Dilution buffer: 5% NFDm/TBST.



WB (Western Blot)

Anti-TCRB Antibody (Center)(AAA285774) at 1:500 dilution + MDA-MB-231 whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 15 kDaBlocking/Dilution buffer: 5% NFDm/TBST.



WB (Western Blot)

All lanes : Anti-TCRB Antibody (Center)(AAA285774) at 1:1000 dilutionLane 1: Jurkat whole cell lysatesLane 2: MOLT-4 whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 15 kDaBlocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-TCRB antibody

The receptors on T cells consist of immunoglobulin like integral membrane glycoproteins containing 2 polypeptide subunits, alpha and beta, of similar molecular weight, 40 to 55 kD in the human. Like the immunoglobulins of the B cells, each T cell receptor subunit has, external to the cell membrane, an N terminal variable domain and a C terminal constant domain.

T cell receptors recognise foreign antigens which have been processed as small peptides and bound to major histocompatibility complex molecules at the surface of antigen presenting cells. Each T cell receptor is a dimer consisting of one alpha and one beta chain or one delta and one gamma chain. In a single cell, the T cell receptor loci are rearranged and expressed in the order delta, gamma, beta, and alpha. If both delta and gamma rearrangements produce functional chains, the cell expresses delta and gamma. If not, the cell proceeds to rearrange the beta and alpha loci.

Product Categories/Family for anti-TCRB antibody

[Immunology](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	136494
UniProt Accession #	P04435
Molecular Weight	14999

NCBI Official Full Name	T-cell receptor beta chain V region CTL-L17
UniProt Protein Name	T-cell receptor beta chain V region CTL-L17
UniProt Gene Name	TCRB
UniProt Entry Name	TVB2_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/tcrb-antibody-western-blot-elisa/285774>