

TECK Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP58276

Product Information

Application WB, IHC-P, IHC-F, IF, E

Primary Accession <u>015444</u>

Reactivity Rat, Pig, Dog, Bovine

Host Rabbit
Clonality Polyclonal
Calculated MW 16609
Physical State Liquid

Immunogen KLH conjugated synthetic peptide derived from human CCL25

Epitope Specificity 21-120/150 Isotype IgG

Purity affinity purified by Protein A

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

SUBCELLULAR LOCATION Secreted.

SIMILARITY Belongs to the intercrine beta (chemokine CC) family.

Important Note This product as supplied is intended for research use only, not for use in

human, therapeutic or diagnostic applications.

Background Descriptions This gene belongs to the subfamily of small cytokine CC genes. Cytokines are

a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. TECK displays chemotactic activity for dendritic cells, thymocytes, and activated macrophages but is inactive on peripheral blood lymphocytes and neutrophils. TECK binds to chemokine receptor CCR9. Two alternatively spliced variants encoding two different isoforms have been identified.

Additional Information

Gene ID 6370

Other Names C-C motif chemokine 25, Chemokine TECK, Small-inducible cytokine A25,

Thymus-expressed chemokine, CCL25, SCYA25, TECK

Target/Specificity Specifically expressed by thymic dendritic cells. High levels in thymus and

small intestine.

Dilution WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000

-10000

Format 0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce

Storage Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When

reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody

Protein Information

Name CCL25

Synonyms SCYA25, TECK

Function Potentially involved in T-cell development. Recombinant protein shows

chemotactic activity on thymocytes, macrophages, THP-1 cells, and dendritics cells but is inactive on peripheral blood lymphocytes and neutrophils. Binds to CCR9. Isoform 2 is an antagonist of isoform 1. Binds to atypical chemokine receptor ACKR4 and mediates the recruitment of beta-arrestin (ARRB1/2) to

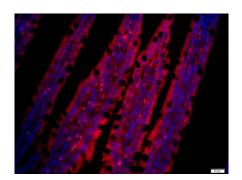
ACKR4.

Cellular Location Secreted.

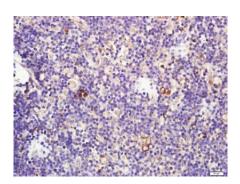
Tissue Location Specifically expressed by thymic dendritic cells. High levels in thymus and

small intestine

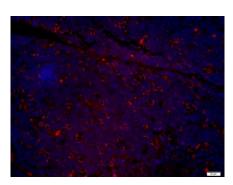
Images



Paraformaldehyde-fixed, paraffin embedded (rat small intestine); Antigen retrieval by boiling in sodium citrate buffer (pH6) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (TECK) Polyclonal Antibody, Unconjugated (AP58276) at 1:400 overnight at 4°C, followed by a conjugated secondary (bs-0295G-Cy3) at [1:500] for 90 minutes and DAPI staining of the nuclei.



Paraformaldehyde-fixed, paraffin embedded (rat thymus); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (TECK) Polyclonal Antibody, Unconjugated (AP58276) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat thymus); Antigen retrieval by boiling in sodium citrate buffer (pH6) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (TECK) Polyclonal Antibody, Unconjugated (AP58276) at 1:400 overnight at 4°C, followed by a conjugated secondary (bs-0295G-Cy3) at [1:500] for 90 minutes and DAPI staining of the nuclei.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.