10320 Camino Santa Fe, Suite G
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Anti-AAMP Picoband Antibody
Catalog # ABO11825

Specification

Anti-AAMP Picoband Antibody - Product Information

Application	**WB, IHC**
Primary Accession	P55774
Host	**Rabbit**
Reactivity	**Human**
Clonality	**Polyclonal**
Format	**Lyophilized**

Description
Rabbit IgG polyclonal antibody for Angio-associated migratory cell protein(AAMP) detection. Tested with WB, IHC-P in Human.

Reconstitution
Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-AAMP Picoband Antibody - Additional Information

Gene ID 6362

Other Names
C-C motif chemokine 18, Alternative macrophage activation-associated CC chemokine 1, AMAC-1, CC chemokine PARC, Dendritic cell chemokine 1, DC-CK1, Macrophage inflammatory protein 4, MIP-4, Pulmonary and activation-regulated chemokine, Small-inducible cytokine A18, CCL18(1-68), CCL18(3-69), CCL18(4-69), CCL18, AMAC1, DCCK1, MIP4, PARC, SCYA18

Calculated MW
9849 MW KDa

Application Details
Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Human, By Heat
Western blot, 0.1-0.5 µg/ml, Human

Subcellular Localization
Secreted.

Tissue Specificity
Expressed at high levels in lung, lymph nodes, placenta, bone marrow, dendritic cells present in germinal centers and T-cell areas of secondary lymphoid organs and macrophages derived from peripheral blood monocytes. Not expressed by peripheral blood monocytes and a monocyte-to-macrophage differentiation is a prerequisite for expression. Expressed in synovial fluids from patients with rheumatoid and septic arthritis and in ovarian carcinoma ascitic fluid. .

Protein Name
Angio-associated migratory cell protein

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.

Immunogen
E.coli-derived human AAMP recombinant protein (Position: E235-R434).

Purification
Immunogen affinity purified.

Cross Reactivity
No cross reactivity with other proteins

Storage

At -20˚C for one year. After r˚Constitution, at 4˚C for one month. It˚Can also be aliquotted and stored frozen at -20˚C for a longer time.Avoid repeated freezing and thawing.

Sequence Similarities
Contains 8 WD repeats.

Anti-AAMP Picoband Antibody - Protein Information

Name CCL18

Synonyms AMAC1, DCCK1, MIP4, PARC, SCYA18

Function
Chemotactic factor that attracts lymphocytes but not monocytes or granulocytes. May be involved in B-cell migration into B- cell follicles in lymph nodes. Attracts naive T-lymphocytes toward dendritic cells and activated macrophages in lymph nodes, has chemotactic activity for naive T-cells, CD4+ and CD8+ T-cells and thus may play a role in both humoral and cell-mediated immunity responses.

Cellular Location
Secreted.

Tissue Location
Expressed at high levels in lung, lymph nodes, placenta, bone marrow, dendritic cells present in germinal centers and T-cell areas of secondary lymphoid organs and macrophages derived from peripheral blood monocytes. Not expressed by peripheral blood monocytes and a monocyte-to-macrophage differentiation is a prerequisite for expression. Expressed in synovial fluids from patients with rheumatoid and septic arthritis and in ovarian carcinoma ascitic fluid

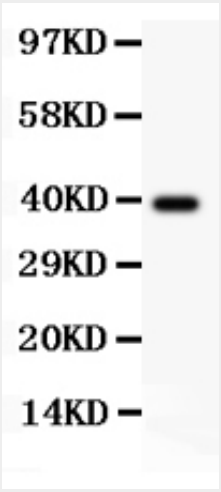
Anti-AAMP Picoband Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

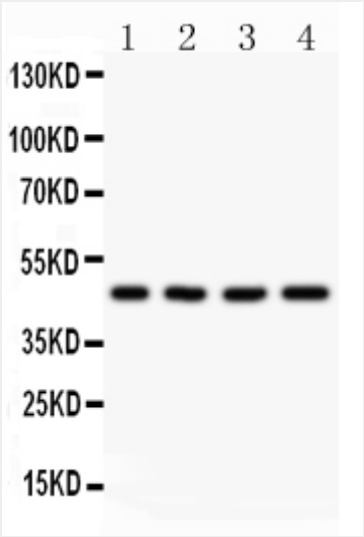
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety

- Cell Culture

Anti-AAMP Picoband Antibody - Images



Anti-AAMP Picoband antibody, ABO11825-1.jpgAll lanes: Anti AAMP (ABO11825) at 0.5ug/mlWB: Recombinant Human AAMP Protein 0.5ngPredicted bind size: 39KDObserved bind size: 39KD



Anti-AAMP Picoband antibody, ABO11825-2.jpgAll lanes: Anti AAMP (ABO11825) at 0.5ug/mlLane 1: A431 Whole Cell Lysate at 40ugLane 2: HELA Whole Cell Lysate at 40ugLane 3: HEPG2 Whole Cell Lysate at 40ugLane 4: MCF-7 Whole Cell Lysate at 40ugPredicted bind size: 47KD Observed bind size: 47KD

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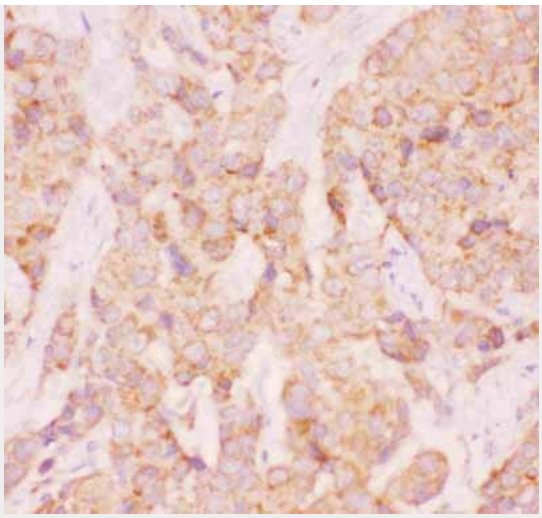

Anti-AAMP Picoband antibody, ABO11825-3.JPGIHC(P): Human Mammary Cancer Tissue

Anti-AAMP Picoband Antibody - Background

AAMP, also known as Angio-associated, migratory cell protein, is a protein which in humans is encoded by the AAMP gene. It is mapped to 2q35. The gene product of AAMP is an immunoglobulin-type protein, which is found to be expressed strongly in endothelial cells, cytotrophoblasts, and poorly differentiated colon adenocarcinoma cells found in lymphatics. It has been demonstrated that an AAMP peptide containing the putative heparan sulfate-binding domain binds to heparin and mediates heparin-sensitive cell adhesion. AAMP plays a role in angiogenesis and cell migration. In smooth muscle cell migration, it may act through the RhoA pathway.