

Datasheet for ABIN3043736  
**anti-AAMP antibody (AA 235-434)**

## 3 Images

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## Overview

Quantity:	100 µg
Target:	AAMP
Binding Specificity:	AA 235-434
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AAMP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Purpose:	Rabbit IgG polyclonal antibody for Angio-associated migratory cell protein(AAMP) detection. Tested with WB, IHC-P in Human.
Immunogen:	E.coli-derived human AAMP recombinant protein (Position: E235-R434).
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for Angio-associated migratory cell protein(AAMP) detection. Tested with WB, IHC-P in Human.  Gene Name: angio-associated, migratory cell protein Protein Name: Angio-associated migratory cell protein
Purification:	Immunogen affinity purified.

## Target Details

Target:	AAMP
Alternative Name:	AAMP ( <a href="#">AAMP Products</a> )
Background:	<p>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.</p> <p>Synonyms: AAMP antibody Angio associated migratory cell protein antibody</p>
Gene ID:	14
UniProt:	<a href="#">Q13685</a>
Pathways:	<a href="#">Smooth Muscle Cell Migration</a>

## Application Details

Application Notes:	<p>WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, The detection limit for AAMP is approximately 0.25 ng/lane under reducing conditions.</p> <p>IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Human, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections.</p> <p>Notes: Tested Species: Species with positive results. Other applications have not been tested. Optimal dilutions should be determined by end users.</p>
Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P).
Restrictions:	For Research Use only

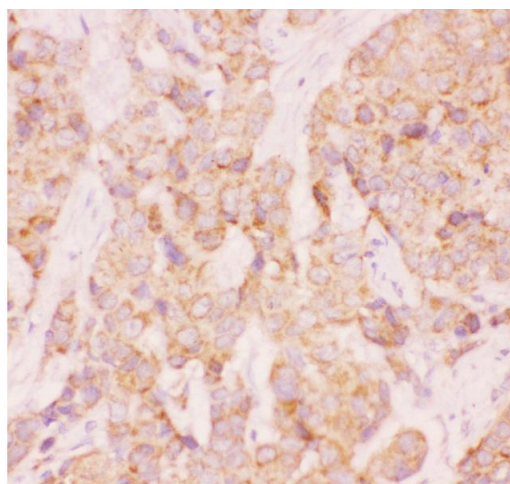
## Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL

## Handling

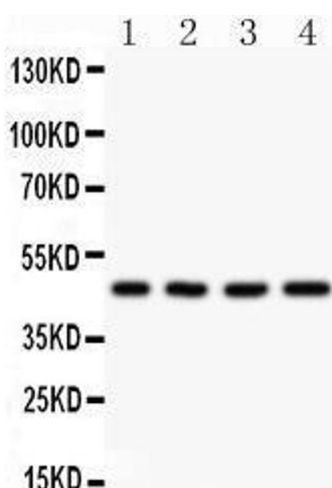
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, 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.

## Images



### Immunohistochemistry

**Image 1.** Anti-AAMP Picoband antibody, IHC(P): Human Mammary Cancer Tissue



### Western Blotting

**Image 2.** Observed bind size: 47KD



**Western Blotting**

**Image 3.** Anti-AAMP Picoband antibody, All lanes: Anti AAMP at 0.5ug/ml WB: Recombinant Human AAMP Protein 0.5ng Predicted bind size: 39KD Observed bind size: 39KD