

Recombinant Anti-AAMP Rabbit mAb

Catalog # AP95134

Product Information

Application	WB, FC, IF/IC
Primary Accession	Q13685
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal
Calculated MW	46751

Additional Information

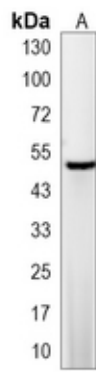
Gene ID	14
Other Names	Angio-associated migratory cell protein
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within human AAMP protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) FC~~1:10~50 IF/IC~~N/A
Format	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

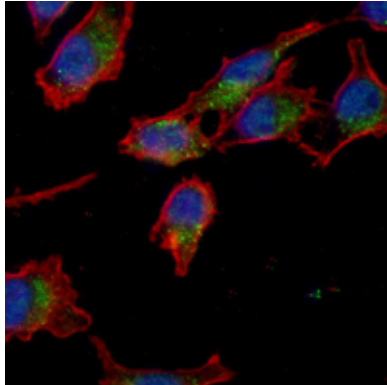
Name	AAMP
Function	Plays a role in angiogenesis and cell migration. In smooth muscle cell migration, may act through the RhoA pathway.
Cellular Location	Cell membrane. Cytoplasm.
Tissue Location	Expressed in metastatic melanoma, liver, skin, kidney, heart, lung, lymph node, skeletal muscle and brain, and also in A2058 melanoma cells and activated T-cells (at protein level) Expressed in blood vessels. Strongly expressed in endothelial cells, cytotrophoblasts, and poorly differentiated. colon adenocarcinoma cells found in lymphatics.

Images

Western blot analysis of AAMP expression in MCF7 (A)



whole cell lysates. (Predicted band size: 47 kD; Observed band size: 52 kD)



Immunofluorescent analysis of AAMP staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

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