

CAPG Antibody
Rabbit Polyclonal Antibody
Catalog # ALS15892**Specification**

CAPG Antibody - Product Information

Application	IHC
Primary Accession	P40121
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38kDa KDa

CAPG Antibody - Additional Information**Gene ID** 822**Other Names**

Macrophage-capping protein, Actin regulatory protein CAP-G, CAPG, AFCP, MCP

Target/Specificity

CAPG antibody detects endogenous levels of CAPG protein. Not tested with other proteins.

Reconstitution & Storage

Store at -20°C for up to one year.

Precautions

CAPG Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

CAPG Antibody - Protein Information**Name** CAPG**Synonyms** AFCP, MCP**Function**

Calcium-sensitive protein which reversibly blocks the barbed ends of actin filaments but does not sever preformed actin filaments. May play an important role in macrophage function. May play a role in regulating cytoplasmic and/or nuclear structures through potential interactions with actin. May bind DNA.

Cellular Location

Nucleus. Cytoplasm Melanosome. Cell projection, lamellipodium {ECO:0000250|UniProtKB:P24452}. Cell projection, ruffle {ECO:0000250|UniProtKB:P24452}. Note=In macrophages, may be predominantly cytoplasmic. Nuclear localization was observed in fibroblasts. In macrophages, present at the membrane-cytoplasm interface. In activated macrophages, concentrated in the ruffles of the leading lamellipodia. {ECO:0000250|UniProtKB:P24452}

Tissue Location

Macrophages and macrophage-like cells.

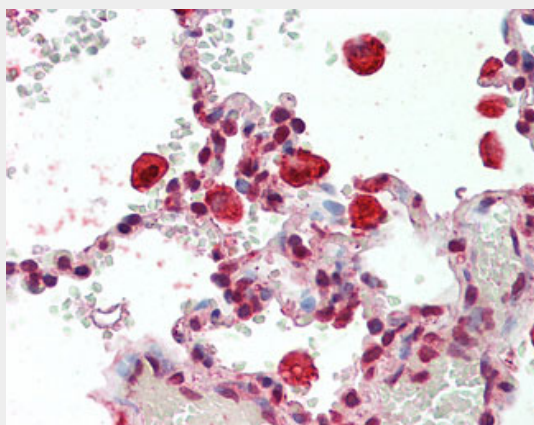
Volume

50 μ l

CAPG 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 Cytometry](#)
- [Cell Culture](#)

CAPG Antibody - Images

Human Lung, Macrophages: Formalin-Fixed, Paraffin-Embedded (FFPE)

CAPG Antibody - Background

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CAPG Antibody - References

Dabiri G.A., et al. J. Biol. Chem. 267:16545-16552(1992).
Suzuki Y., et al. Submitted (JUL-2006) to the EMBL/GenBank/DDBJ databases.
Hillier L.W., et al. Nature 434:724-731(2005).
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Mishra V.S., et al. Genomics 23:560-565(1994).