

Anti-CAPG Antibody (aa147-159)

Goat Anti Human Polyclonal Antibody

Catalog # ALS17936

Product Information

Application	WB, IHC-P, E
Primary Accession	P40121
Predicted	Human, Monkey
Host	Goat
Clonality	Polyclonal
Calculated MW	38499
Concentration (mg/ml)	0.5 mg/ml

Additional Information

Gene ID	822
Alias Symbol	CAPG
Other Names	CAPG, AFCP, Actin-regulatory protein CAP-G, Actin regulatory protein CAP-G, Gelsolin-like capping protein, MCP, Macrophage capping protein, Macrophage-capping protein
Target/Specificity	Human CAPG / MCP. This antibody is expected to recognize both reported isoforms (NP_001738.2; NP_001243069.1). Reported variants represent identical protein: NP_001243068.1, NP_001738.2.
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-CAPG Antibody (aa147-159) is for research use only and not for use in diagnostic or therapeutic procedures.

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.

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