

Anti-CAPG Rabbit Monoclonal Antibody Catalog # ABO15732

Specification

Anti-CAPG Rabbit Monoclonal Antibody - Product Information

Application	WB
Primary Accession	P40121
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

Description

Anti-CAPG Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human, Mouse, Rat.

Anti-CAPG Rabbit Monoclonal Antibody - Additional Information

Gene ID 822

Other Names

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

Calculated MW

38 kDa KDa

Application Details

WB 1:500-1:2000

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human CAPG

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-CAPG Rabbit Monoclonal 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

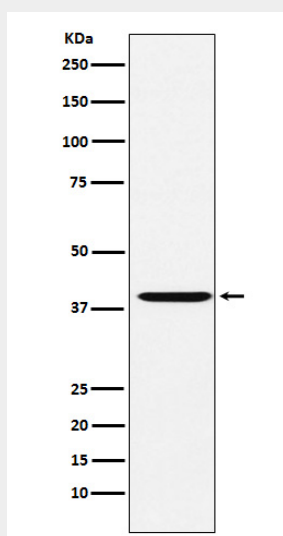
Macrophages and macrophage-like cells.

Anti-CAPG Rabbit Monoclonal 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](#)

Anti-CAPG Rabbit Monoclonal Antibody - Images



Western blot analysis of CAPG expression in HeLa cell lysate.