

Datasheet for ABIN951022

**anti-CAPG antibody (Middle Region)**[Go to Product page](#)**1** Image

## Overview

Quantity:	0.4 mL
Target:	CAPG
Binding Specificity:	AA 180-209, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CAPG antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	KLH conjugated synthetic peptide between 180-209 amino acids from the Central region of human CAPG
Isotype:	Ig Fraction
Specificity:	This antibody recognizes CAPG.
Cross-Reactivity (Details):	Species reactivity (expected):Mouse, Rat. Species reactivity (tested):Human.
Purification:	Affinity Chromatography on Protein A

## Target Details

Target:	CAPG
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## Target Details

Alternative Name:	CAPG ( <a href="#">CAPG Products</a> )
Background:	This gene encodes a member of the gelsolin/villin family of actin-regulatory proteins. The encoded protein reversibly blocks the barbed ends of F-actin filaments in a Ca <sup>2+</sup> and phosphoinositide-regulated manner, but does not sever preformed actin filaments. By capping the barbed ends of actin filaments, the encoded protein contributes to the control of actin-based motility in non-muscle cells. Alternatively spliced transcript variants have been observed, but have not been fully described. [provided by RefSeq].Synonyms: AFCP, Actin regulatory protein CAP-G, CAP-G, MCP, Macrophage-capping protein
Molecular Weight:	38499 Da
Gene ID:	822
NCBI Accession:	<a href="#">NP_001738</a>
Pathways:	<a href="#">Regulation of Actin Filament Polymerization</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS, 0.09 % (W/V) 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:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

**Image 1.** Western blot analysis in HeLa cell line lysates (35µg/lane) using CAPG Antibody .This demonstrates the CAPG antibody detected the CAPG protein (arrow).