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## Datasheet for ABIN7112268 **anti-CAPG antibody**

### Overview

Quantity:	100 µg
Target:	CAPG
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CAPG antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP)

### Product Details

Immunogen:	capping protein(actin filament), gelsolin-like
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	CAPG
Alternative Name:	CAPG ( <a href="#">CAPG Products</a> )
Background:	Synonyms:AFCP, MCP Background: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

## Target Details

	nuclear structures through potential interactions with actin. May bind DNA.
Molecular Weight:	39-42kd
Gene ID:	822
UniProt:	<a href="#">P40121</a>
Pathways:	<a href="#">Regulation of Actin Filament Polymerization</a>

## Application Details

Application Notes:	WB: 1:500-1:2000, IP: 1:500-1:1000, IHC: 1:20-1:200, IF: 1:10-1:100
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months