

DNAxPAb

Hard-to-Find
Antibody

CAPG DNAxPab

Catalog # H00000822-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CAPG DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MYTAIPQSGSPFPGSVQDPGLHVWRVEKLKPVPVAQENQGVFFSGDSYLVLHNGPEEVSHLHL WIGQQSSRDEQGACAVLAVHLNTLLGERPVQHREVQGNESDLFMSYFPRGLKYQEGGVESAFH KTSTGAPAAIKKLYQVKGKKNIRATERALNWDSFNTGDCFILDGQNIFAWCGGKSNILERNKARD LALAIRDSEKQGAQVEITDGEPAEMIQVLGPKPALKEGNPEEDLTADKANAAALYKVSDA TGQMNLTKVADSSPFALELLISDDCFVLDNGLCGKIYWKGRKANERQAALQVAEGFISRMQYA PNTQVEILPQGRESPIFKQFFKDWK
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — CAPG

Entrez GeneID [822](#)

GeneBank Accession# [BC000728](#)

Protein Accession# [AAH00728.1](#)

Gene Name CAPG

Gene Alias AFCP, MCP

Gene Description capping protein (actin filament), gelsolin-like

Omim ID [153615](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 Ca²⁺ 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]

Other Designations actin-regulatory protein CAP-G|gelsolin-like capping protein|macrophage capping protein

Disease

- [Atherosclerosis](#)
- [Carotid Artery Diseases](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Hyperlipoproteinemia Type II](#)