

Product datasheet for **TA324223**

Actin Regulatory Protein CAPG (CAPG) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1000-5000 WB positive control: Jurkat and RAW264.7 cells IHC: 50-200 Positive control: Human brain Predicted cell location: Cytoplasm or Nucleus
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to C terminal 250 amino acids of human capping protein (actin filament), gelsolin-like
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	38 kDa
Gene Name:	capping actin protein, gelsolin like
Database Link:	NP_001243068 Entrez Gene 12332 Mouse Entrez Gene 297339 Rat Entrez Gene 822 Human P40121



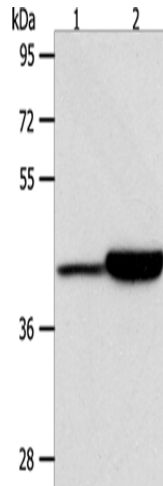
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Background:

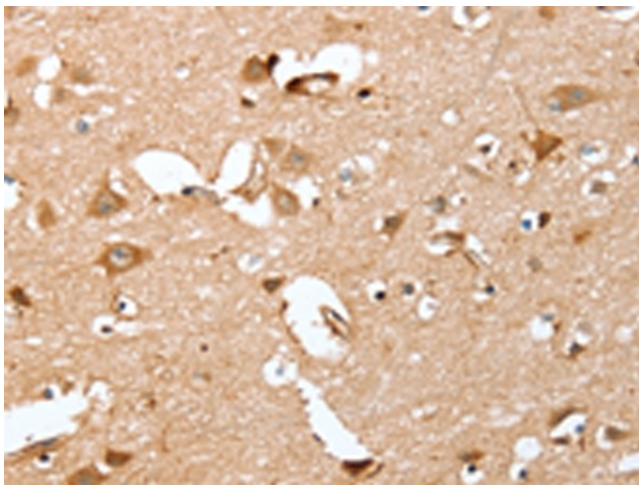
This gene encodes a member of the gelsolin/villin family of actin-regulatory proteins. The encoded protein reversibly blocks the barbed ends of F-actin filaments in a Ca²⁺ and phosphoinositide-regulated manner, but does not sever preformed actin filaments. By capping the barbed ends of actin filaments, the encoded protein contributes to the control of actin-based motility in non-muscle cells. Alternatively spliced transcript variants have been observed for this gene.

Synonyms:

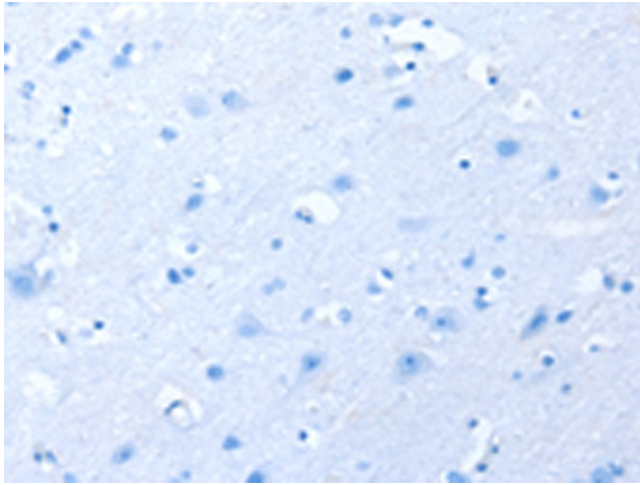
AFCP; HEL-S-66; MCP

Product images:


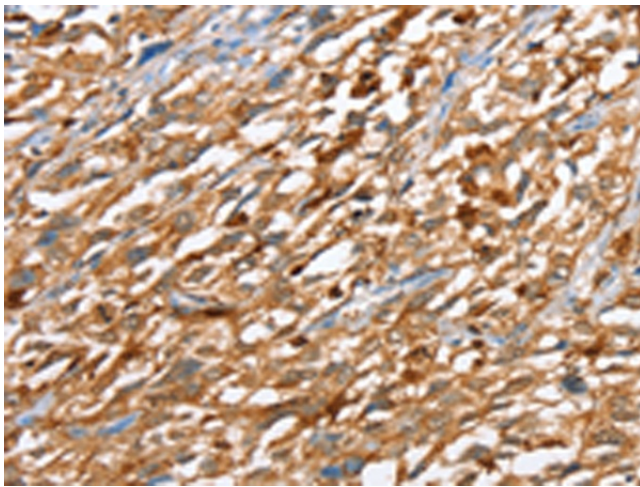
Gel: 10%SDS-PAGE
 Lysate: 40 µg
 Lane 1-2: Jurkat cells
 RAW264.7 cells
 Primary antibody: TA324223 (CAPG Antibody) at dilution 1/950
 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
 Exposure time: 20 seconds



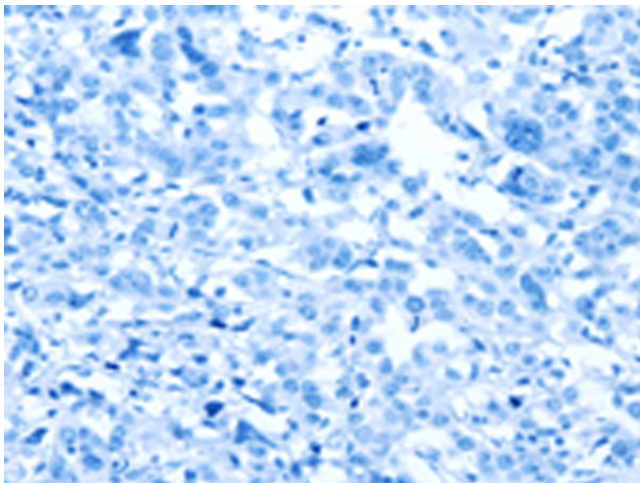
Immunohistochemistry of paraffin-embedded Human brain tissue using TA324223 (CAPG Antibody) at dilution 1/40 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA324223 (CAPG Antibody) at dilution 1/40, treated with fusion protein. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA324223 (CAPG Antibody) at dilution 1/40 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA324223 (CAPG Antibody) at dilution 1/40, treated with fusion protein. (Original magnification: $\times 200$)