

## CAPG Polyclonal Antibody

**Catalog No.** E-AB-10720

*Note:* Centrifuge before opening to ensure complete recovery of vial contents.

### Description

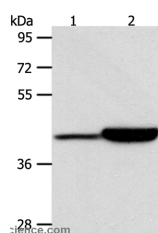
|                     |   |
|---------------------|---|
| <b>Reactivity</b>   | Human,Mouse,Rat                                     |
| <b>Immunogen</b>    | Recombinant protein of human CAPG                   |
| <b>Host</b>         | Rabbit  |
| <b>Isotype</b>      | IgG   |
| <b>Purification</b> | Affinity purification                               |
| <b>Conjugation</b>  | Unconjugated  |
| <b>Buffer</b>       | PBS with 0.05% sodium azide and 50% glycerol, PH7.4 |

### Applications

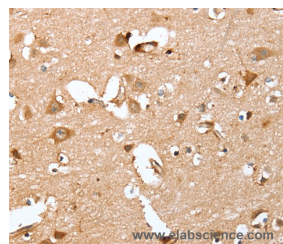
### Recommended Dilution

|            |               |
|------------|---------------|
| <b>WB</b>  | 1:1000-1:5000 |
| <b>IHC</b> | 1:50-1:200    |

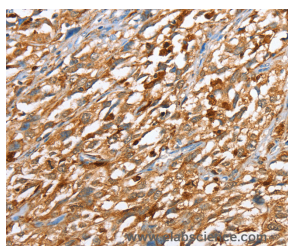
### Data



Western Blot analysis of Jurkat and RAW264.7 cell using CAPG Polyclonal Antibody at dilution of 1:950  
**Calculated Mw:38kDa**



Immunohistochemistry of paraffin-embedded Human brain using CAPG Polyclonal Antibody at dilution of 1:40



Immunohistochemistry of paraffin-embedded Human esophagus cancer using CAPG Polyclonal Antibody at dilution of 1:40

### Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

### Background

### For Research Use Only

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 for this gene.