

## Anti-GAK protein Polyclonal Antibody

### Product Details

|                   |   |
|-------------------|---|
| Ig Type:          | IgG   |
| Reactivity:       | Mouse (predicted:Human,Rat,Chicken,Dog,Cow,Horse) |
| Molecular Weight: | Theoretical: 144 kDa. Actual: 25 kDa.             |
| Purification:     | Protein A purified                                |

### Applications

|                    |  |
|--------------------|--|
| Sample:            | Cerebrum (Mouse) Lysate at 40 µg<br>Large intestine (Mouse) Lysate at 40 µg<br>Liver (Mouse) Lysate at 40 µg   |
| Verified Activity: | Primary: Anti-GAK protein (TMAB-06272) at 1/1000 dilution<br>Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution<br>Predicted band size: 25 kD<br>Observed band size: 25 kD |
| Application:       | WB   |
| Recommended        | WB: 1:500-2000   |

### Properties

|                      |   |
|----------------------|---|
| Stability & Storage: | Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. |
| Shipping:            | Shipping with blue ice.   |

### Antigen Details

|                  |   |
|------------------|---|
| Immunogen:       | KLH conjugated synthetic peptide: human GAK protein |
| Antigen Species: | Human   |
| Gene ID:         | 2580  |
| Uniprot ID:      | O14976  |

### Research Background

Associates with cyclin G and CDK5. Seems to act as an auxilin homolog that is involved in the uncoating of clathrin-coated vesicles by Hsc70 in non-neuronal cells. Expression oscillates slightly during the cell cycle, peaking at G1. Tissue specificity: Ubiquitous. Highest in testis.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

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