

Datasheet for ABIN228185  
**anti-MAP4K2 antibody (Ser380)**



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## Overview

|                      |                                                                                                            |
|----------------------|------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                     |
| Target:              | MAP4K2                                                                                                     |
| Binding Specificity: | Ser380                                                                                                     |
| Reactivity:          | Human, Mouse, Rat, Monkey                                                                                  |
| Host:                | Rabbit                                                                                                     |
| Clonality:           | Polyclonal                                                                                                 |
| Conjugate:           | This MAP4K2 antibody is un-conjugated                                                                      |
| Application:         | Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC), Immunoprecipitation (IP) |

## Product Details

|               |                                                                                                                                                                               |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:    | Synthetic peptide (KLH coupled) corresponding to residues surrounding Ser380 of human GCK.<br><br>Type of Immunogen: Synthetic peptide                                        |
| Isotype:      | IgG                                                                                                                                                                           |
| Specificity:  | Detects total levels of endogenous human GCK protein at 91kD. Does not cross-react with HPK or other members of the GCK family. Species cross-reactivity: Mouse, rat, monkey. |
| Purification: | Immunoaffinity purified                                                                                                                                                       |

## Target Details

|         |        |
|---------|--------|
| Target: | MAP4K2 |
|---------|--------|

### Target Details

|                   |                                                                                                                                                                                                                             |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alternative Name: | GCK / Germinal Center Kinase ( <a href="#">MAP4K2 Products</a> )                                                                                                                                                            |
| Background:       | Name/Gene ID: MAP4K2<br>Subfamily: KHS<br>Family: Protein Kinase<br><br>Synonyms: MAP4K2, BL44, GC kinase, Rab8 interacting protein, RAB8IP, Rab8-interacting protein, Germinal center kinase, MEK kinase kinase 2, MEKKK 2 |
| Gene ID:          | 5871                                                                                                                                                                                                                        |
| UniProt:          | <a href="#">Q12851</a>                                                                                                                                                                                                      |

### Application Details

|                    |                                                                                                                                                                                                                                        |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Approved: ELISA, ICC, IF, IP (1:50), WB (1:1000)<br><br>Usage: Suitable for use in ELISA, Western Blot, Immunoprecipitation and Immunocytochemistry. Western Blot: 1:1000. Immunoprecipitation: 1:50. Immunocytochemistry (IF): 1:100. |
| Comment:           | Target Species of Antibody: Human                                                                                                                                                                                                      |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                  |

### Handling

|                  |                                                                                   |
|------------------|-----------------------------------------------------------------------------------|
| Format:          | Liquid                                                                            |
| Concentration:   | Lot specific                                                                      |
| Buffer:          | 10 mM sodium HEPES, pH 7.5, 150 mM sodium chloride, 0.1 mg/mL BSA, 50 % glycerol. |
| Handling Advice: | Avoid repeat freeze-thaw cycles.                                                  |
| Storage:         | 4 °C,-20 °C                                                                       |
| Storage Comment: | Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.             |