

## Product datasheet for **TA373034S**

### **SAPK4 (MAPK13) Rabbit Polyclonal Antibody**

#### **Product data:**

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Product Type:           | Primary Antibodies                                                         |
| Applications:           | WB                                                                         |
| Recommended Dilution:   | WB: 500-2000<br>WB positive control: 231 cell, Mouse kidney tissue lysates |
| Reactivity:             | Human, Mouse, Rat                                                          |
| Host:                   | Rabbit                                                                     |
| Isotype:                | IgG                                                                        |
| Clonality:              | Polyclonal                                                                 |
| Immunogen:              | Synthetic peptide of human MAPK13                                          |
| Formulation:            | pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol                           |
| Concentration:          | lot specific                                                               |
| Purification:           | Antigen affinity purification                                              |
| Conjugation:            | Unconjugated                                                               |
| Storage:                | Store at -20°C.                                                            |
| Stability:              | 1 year                                                                     |
| Predicted Protein Size: | 42 kDa                                                                     |
| Gene Name:              | mitogen-activated protein kinase 13                                        |
| Database Link:          | <a href="#">Entrez Gene 5603 Human O15264</a>                              |

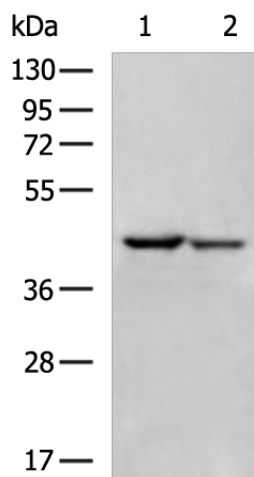
**Background:** This gene encodes a member of the mitogen-activated protein (MAP) kinase family. MAP kinases act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. The encoded protein is a p38 MAP kinase and is activated by proinflammatory cytokines and cellular stress. Substrates of the encoded protein include the transcription factor ATF2 and the microtubule dynamics regulator stathmin. Alternatively spliced transcript variants have been observed for this gene.

**Synonyms:** MGC99536; p38delta; PRKM13; SAPK4



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## Product images:



Gel: 8%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane 1-2: 231 cell  
Mouse kidney tissue lysates  
Primary antibody: [TA373034] (MAPK13 Antibody)  
at dilution 1/800  
Secondary antibody: Goat anti rabbit IgG at  
1/5000 dilution  
Exposure time: 5 minutes