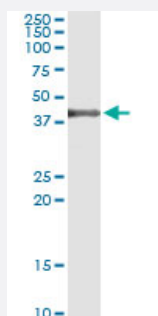


# MAPK13 (Human) IP-WB Antibody Pair

Catalog # H00005603-PW3

Size 1 Set

## Applications



Immunoprecipitation of MAPK13 transfected lysate using mouse monoclonal anti-MAPK13 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with rabbit polyclonal anti-MAPK13.

## Specification

|                                |  |
|--------------------------------|--|
| <b>Product Description</b>     | This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.   |
| <b>Reactivity</b>              | Human  |
| <b>Quality Control Testing</b> | Immunoprecipitation-Western Blot (IP-WB)<br>Immunoprecipitation of MAPK13 transfected lysate using mouse monoclonal anti-MAPK13 and Protein A Magnetic Bead ( <a href="#">U0007</a> ), and immunoblotted with rabbit polyclonal anti-MAPK13. |
| <b>Supplied Product</b>        | Antibody pair set content:<br>1. Antibody pair for IP: mouse monoclonal anti-MAPK13 (300 ug)<br>2. Antibody pair for WB: rabbit polyclonal anti-MAPK13 (50 ul)   |
| <b>Storage Instruction</b>     | Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.   |

## Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

## Gene Info — MAPK13

Entrez GeneID [5603](#)

Gene Name MAPK13

Gene Alias MGC99536, PRKM13, SAPK4, p38delta

Gene Description mitogen-activated protein kinase 13

Omim ID [602899](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** The protein encoded by this gene is a member of the 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. This kinase is closely related to p38 MAP kinase, both of which can be activated by proinflammatory cytokines and cellular stress. MAP kinase kinases 3, and 6 can phosphorylate and activate this kinase. Transcription factor ATF2, and microtubule dynamics regulator stathmin have been shown to be the substrates of this kinase. [provided by RefSeq]

**Other Designations** OTTHUMP00000016282|mitogen-activated protein kinase p38 delta|stress-activated protein kinase 4

## Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)
- [Epithelial cell signaling in Helicobacter pylori infection](#)
- [Fc epsilon RI signaling pathway](#)
- [GnRH signaling pathway](#)
- [Leukocyte transendothelial migration](#)
- [MAPK signaling pathway](#)
- [Neurotrophin signaling pathway](#)
- [T cell receptor signaling pathway](#)
- [Toll-like receptor signaling pathway](#)
- [VEGF signaling pathway](#)

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [HIV Infections](#)