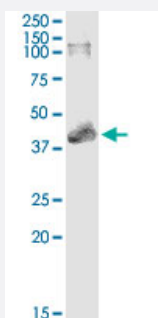


MAPKAPK3 (Human) IP-WB Antibody Pair

Catalog # H00007867-PW1

Size 1 Set

Applications



Immunoprecipitation of MAPKAPK3 transfected lysate using mouse monoclonal anti-MAPKAPK3 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse monoclonal anti-MAPKAPK3.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (93)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of MAPKAPK3 transfected lysate using mouse monoclonal anti-MAPKAPK3 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse monoclonal anti-MAPKAPK3.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: mouse monoclonal anti-MAPKAPK3 (300 ug) 2. Antibody pair for WB: mouse monoclonal anti-MAPKAPK3 (50 ug)
Storage Instruction	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 — MAPKAPK3

Entrez GeneID [7867](#)

Gene Name MAPKAPK3

Gene Alias 3PK, MAPKAP3

Gene Description mitogen-activated protein kinase-activated protein kinase 3

Omim ID [602130](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the Ser/Thr protein kinase family. This kinase functions as a mitogen-activated protein kinase (MAP kinase)- activated protein kinase. MAP kinases are also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals. This kinase was shown to be activated by growth inducers and stress stimulation of cells. In vitro studies demonstrated that ERK, p38 MAP kinase and Jun N-terminal kinase were all able to phosphorylate and activate this kinase, which suggested the role of this kinase as an integrative element of signaling in both mitogen and stress responses. This kinase was reported to interact with, phosphorylate and repress the activity of E47, which is a basic helix-loop-helix transcription factor known to be involved in the regulation of tissue-specific gene expression and cell differentiation. [provided by RefSeq]

Other Designations MAPKAP kinase 3

Pathway

- [MAPK signaling pathway](#)
- [VEGF signaling pathway](#)

Disease

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

- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Schizophrenia](#)