

## PRAK Polyclonal Antibody

Cat No: HR1AP8929

For research use only

### Overview

|                       |   |
|-----------------------|---|
| Product Name          | PRAK Polyclonal Antibody  |
| Source                | Rabbit  |
| Applications          | WB,ELISA  |
| Species Reactivity    | Human,Mouse   |
| Recommended Dilutions |   |
| Immunogen             |   |
| Species               | Rabbit  |
| Storage               | -20°C/1 year  |
| Isotype               |   |
| Clonality             |   |
| Concentration         | 1 mg/ml   |
| Observed band         | 60kDa   |
| GeneID?Human?         | MAPKAPK5  |
| Human Swiss-Prot No.  |   |
| Cellular localization |   |
| Alternative Names     | MAPKAPK5; PRAK; MAP kinase-activated protein kinase 5; MAPK-activated protein kinase 5; MAPKAP kinase 5; MAPKAP-K5; MAPKAPK-5; MK-5; MK5; p38-regulated/activated protein kinase; PRAK  |
| Background            | mitogen-activated protein kinase-activated protein kinase 5(MAPKAPK5) Homo sapiens The protein encoded by this gene is a tumor suppressor and member of the serine/threonine kinase family. In response to cellular stress and proinflammatory cytokines, this kinase is activated through its phosphorylation by MAP kinases including MAPK1/ERK, MAPK14/p38-alpha, and MAPK11/p38-beta. The encoded protein is found in the nucleus but translocates to the cytoplasm upon phosphorylation and activation. This kinase phosphorylates heat shock protein HSP27 at its physiologically relevant sites. Two alternately spliced transcript variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq, Nov 2012]. |