# Anti-Phospho-MAPKAP Kinase 2 (Thr334) Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P108922

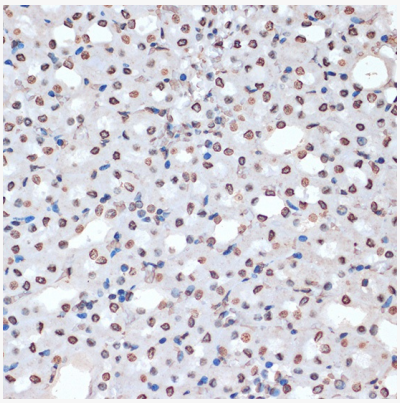
## Product Information

| | |
|---|---|
| Application | IHC-P, ELISA |
| Reactivity | Human, Mouse, Rat |
| Dilution | IHC-P 1:50~1:100 |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Label | Unconjugated |
| Immunogen | A synthetic phosphorylated peptide around T334 of human MAPKAPK2 (NP_116584.2?). |
| Format | Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3. |
| Storage | Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage. |
| Precautions | Anti-Phospho-MAPKAP Kinase 2 (Thr334) Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures. |

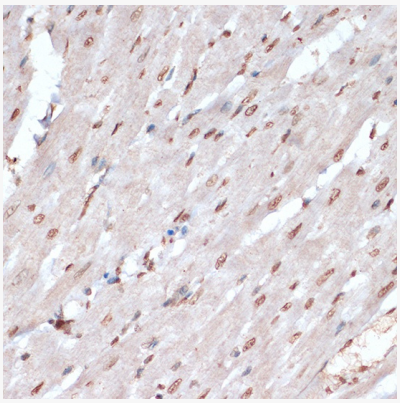
## Protein Information

| | |
|---|---|
| Synonyms | MK2; MK-2; MAPKAP-K2; MAPKAP Kinase 2; MAPKAPK-2; MK2-T334; Phospho-MAPKAPK-2/MK2-T334. |
| Calculated MW | Calculated MW: 46 kDa |
| Uniprot ID | P49137 |
| Gene ID | 9261 |
| Background | This gene encodes a member of the Ser/Thr protein kinase family. This kinase is regulated through direct phosphorylation by p38 MAP kinase. In conjunction with p38 MAP kinase, this kinase is known to be involved in many cellular processes including stress and inflammatory responses, nuclear export, gene expression regulation and cell proliferation. Heat shock protein HSP27 was shown to be one of the substrates of this kinase in vivo. Two transcript variants encoding two different isoforms have been found for this gene. |

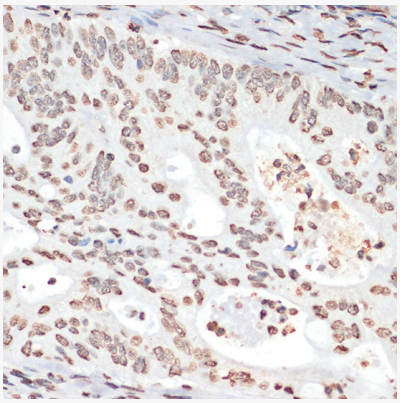
## Validation Images



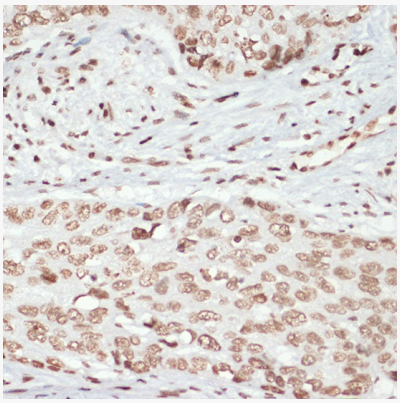
Immunohistochemistry analysis of paraffin-embedded Mouse kidney using Phospho-MAPKAPK-2/MK2-T334 Rabbit pAb (P108922) at dilution of 1:200 (40× lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



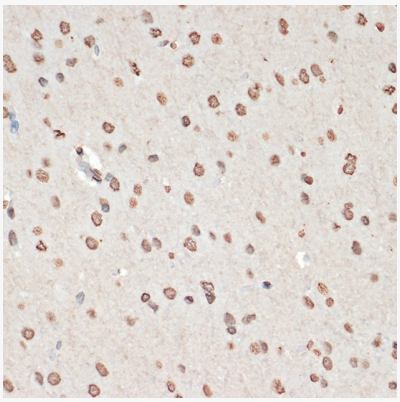
Immunohistochemistry analysis of paraffin-embedded Rat heart using Phospho-MAPKAPK-2/MK2-T334 Rabbit pAb (P108922) at dilution of 1:200 (40× lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



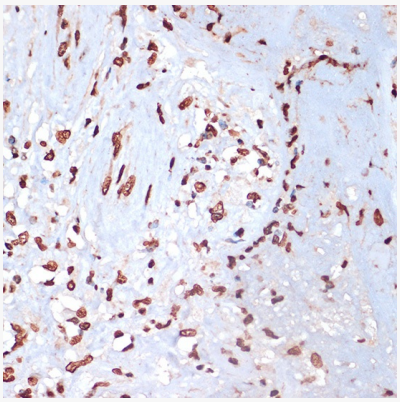
Immunohistochemistry analysis of paraffin-embedded Human colon cancer using Phospho-MAPKAPK-2/MK2-T334 Rabbit pAb (P108922) at dilution of 1:200 (40× lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Phospho-MAPKAPK-2/MK2-T334 Rabbit pAb (P108922) at dilution of 1:200 (40× lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat brain using Phospho-MAPKAPK-2/MK2-T334 Rabbit pAb (P108922) at dilution of 1:200 (40× lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human placenta using Phospho-MAPKAPK-2/MK2-T334 Rabbit pAb (P108922) at dilution of 1:200 (40× lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.