**Product Name:** **Phospho-TAK1 (Ser439) Rabbit Monoclonal Antibody**
**Catalog #:** **AMRe84928**
For research use only.

## Summary

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|---|---|
| **Description** | Recombinant rabbit monoclonal antibody |
| **Host** | Rabbit |
| **Application** | WB,ICC,IP |
| **Reactivity** | Human,Mouse,Rat |
| **Conjugation** | Unconjugated |
| **Modification** | Phosphorylated |
| **Isotype** | IgG |
| **Clonality** | Monoclonal |
| **Form** | Liquid |
| **Concentration** | 0.5mg/ml. The concentration of this product may be batch-dependent. |
| **Storage** | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| **Shipping** | Ice bags |
| **Buffer** | Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol. |
| **Purification** | Affinity Purification |

## Application

| | |
|---|---|
| **Dilution Ratio** | WB 1:500-1:1000,ICC 1:50-1:200,IP 1:10-1:20 |
| **Molecular Weight** | Calculated MW: 67 kDa; Observed MW: 78 kDa |

## Antigen Information

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|---|---|
| **Gene Name** | Phospho-TAK1 (Ser439) |
| **Alternative Names** | MAP3K7; TAK1; Mitogen-activated protein kinase kinase kinase 7; Transforming growth factor-beta-activated kinase 1; TGF-beta-activated kinase 1 |
| **Gene ID** | 6885.0 |
| **SwissProt ID** | O43318 |
| **Immunogen** | A synthetic phosphopeptide corresponding to residues surrounding Ser439 of human TAK1 |

## Background

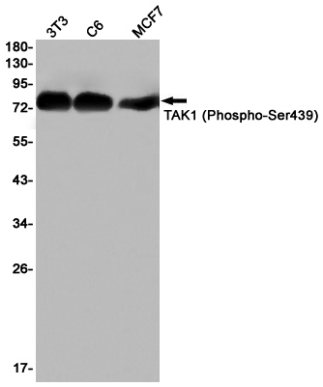
Component of a protein kinase signal transduction cascade. Mediator of TRAF6 and TGF-beta signal transduction. Activates IKBKB and MAPK8 in response to TRAF6 signaling. Stimulates NF-kappa-B activation and the p38 MAPK pathway. In osmotic

stress signaling, plays a major role in the activation of MAPK8/JNK, but not that of NF-kappa-B.

## Research Area

Apoptosis,TGF-beta signaling pathway,MAPK signaling pathway

## Image Data




Western blot analysis of TAK1 (Phospho-Ser439) in 3T3, C6, MCF-7 lysates using Phospho-TAK1 (Ser439) antibody.