

**Product Name: Phospho-TAK1 (Ser439) Rabbit  
Monoclonal antibody  
Catalog #: AMRe03799**

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## Summary

<b>Production Name</b>	Phospho-TAK1 (Ser439) Rabbit Monoclonal antibody
<b>Description</b>	Recombinant Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ICC/IF,IP
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Phosphorylated
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	MAP3K7
<b>Alternative Names</b>	MAP3K7; TAK1; Mitogen-activated protein kinase kinase kinase 7; Transforming growth factor-beta-activated kinase 1; TGF-beta-activated kinase 1
<b>Gene ID</b>	6885
<b>SwissProt ID</b>	O43318.

## Application

<b>Dilution Ratio</b>	WB: 1:500-1:1000 IF: 1:50-1:200 IP: 1:20
<b>Molecular Weight</b>	Calculated MW: 67 kDa; Observed MW: 78 kDa

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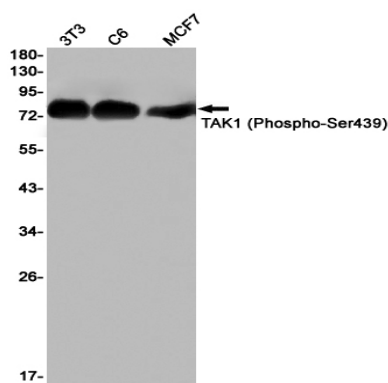
## Background

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

Signal Transduction

## Image Data



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

## Note

For research use only.