

## MAP3K7 Antibody

Catalog No: #42772

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

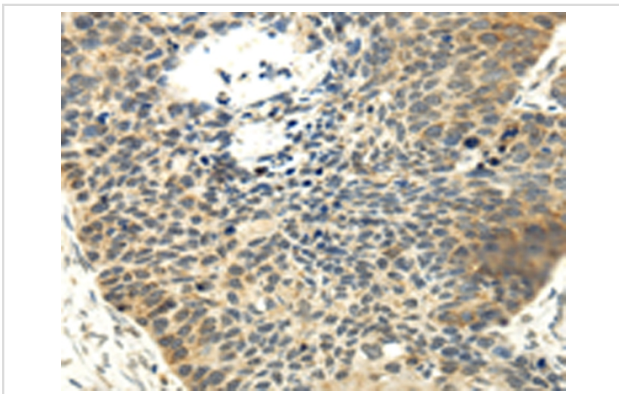
## Description

Product Name	MAP3K7 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total MAP3K7 protein.
Immunogen Type	protein
Immunogen Description	Fusion protein of human MAP3K7
Target Name	MAP3K7
Other Names	TAK1; MEKK7; TGF1a
Accession No.	Swiss-Prot#: O43318Gene ID: 6885
Uniprot	O43318
GeneID	6885;
Concentration	1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

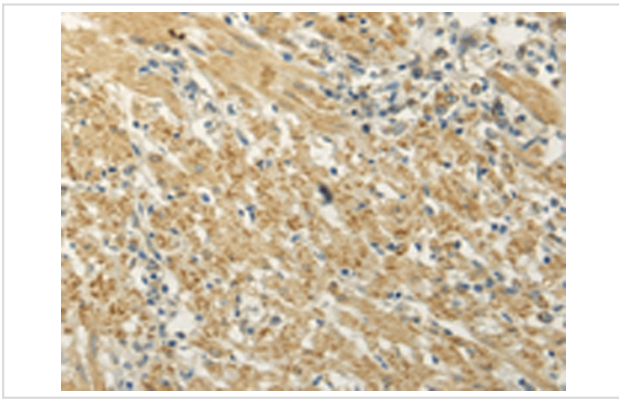
## Application Details

Immunohistochemistry: 1:25-1:100

## Images



Immunohistochemical analysis of paraffin-embedded Human esophagus cancer tissue using #42772 at dilution 1/20.



Immunohistochemical analysis of paraffin-embedded Human gastric cancer tissue using #42772 at dilution 1/20.

## Background

The protein encoded by this gene is a member of the serine/threonine protein kinase family. This kinase mediates the signaling transduction induced by TGF beta and morphogenetic protein (BMP), and controls a variety of cell functions including transcription regulation and apoptosis. In response to IL-1, this protein forms a kinase complex including TRAF6, MAP3K7P1/TAB1 and MAP3K7P2/TAB2; this complex is required for the activation of nuclear factor kappa B. This kinase can also activate MAPK8/JNK, MAP2K4/MKK4, and thus plays a role in the cell response to environmental stresses. Four alternatively spliced transcript variants encoding distinct isoforms have been reported.

Note: This product is for in vitro research use only