



Anti-MAP3K7 (aa 563-579) polyclonal antibody (DPABH-27249)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	Synthetic peptide: KQLEVIRSQQQKRQGTS conjugated to KLH by a Cysteine residue linker, corresponding to amino acids 563-579 of Mouse TAK1
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Human
Purification	Protein A purified
Conjugate	Unconjugated
Applications	WB, IHC-P
Format	Liquid
Size	50 µg
Buffer	pH: 7.40; Constituents: PBS, 50% Glycerol, 0.1% BSA
Preservative	0.09% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	MAP3K7 mitogen-activated protein kinase kinase 8 [<i>Mus musculus</i>]
Official Symbol	MAP3K7
Synonyms	MAP3K7; mitogen-activated protein kinase kinase 7; Tak1; C87327; B430101B05; TGF-beta activated kinase 1; TGF-beta-activated kinase 1; mitogen activated protein kinase kinase kinase 7; transforming growth factor beta-activated kinase 1; transforming growth factor-beta-activated kinase 1;
Entrez Gene ID	26409
Protein Refseq	NP_033342.1
UniProt ID	Q543B5
Pathway	Activated TLR4 signalling; Adaptive Immune System; Adherens junction; Ca2+ pathway
Function	ATP binding; MAP kinase kinase activity; MAP kinase kinase kinase activity; kinase activity