

## Datasheet

### MAP3K7 MaxPab mouse polyclonal antibody (B01)

**Catalog Number:** H00006885-B01

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse polyclonal antibody raised against a full-length human MAP3K7 protein.

**Immunogen:** MAP3K7 (NP\_003179.1, 1 a.a. ~ 579 a.a) full-length human protein.

**Sequence:**

MSTASAASSSSSSSAGEMIEAPSQVLNFEEIDYKEIEV  
EEVVGGRGAFGVVCKAKWRAKDVAIKQIESESERKAFIV  
ELRQLSRVNHPIVVKLYGACLNVPCLVMEYAEGGSLY  
NVLHGAELPPYYTAAHAMSACLQCSQGVAYLHSMQP  
KALIHRLKPPNLLL VAGGTVLKICDFGTACDIQTHMTN  
NKGSAAWMAPEVFEGSNYSEKCDVFSWGILWEVITR  
RKPFDEIGGPAFRIMWAVHNGTRPPLIKNLPKPIESLM  
TRCWSKDPSQRPSMEEIVKIMTHLMRYFPGADEPLQY  
PCQYSDEGQSNSATSTGSFMDIASTNTSNKSDTNME  
QVPATNDTIKRLESKLLKNQAKQQSESGRLSLGASRG  
SSVESLPPTSEGKRMSADMSEIEARIAATTGNGQPRR  
RSIQDLTVTGTEPGQVSSRSSPSVRMITTSOPTSEKP  
TRSHPWTPDDSTDTNGSDNSIPMAYLTLDHQLQPLAP  
CPNSKESMAVFEQHCKMAQEYMKVQTEIALLLQRKQE  
LVAELDQDEKDQQNTSRLVQEHHKLLDENKSLSTYYQ  
QCKKQLEVIRSQQQKRQGST

**Host:** Mouse

**Reactivity:** Human

**Applications:** WB-Tr

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Storage Buffer:** No additive

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 6885

**Gene Symbol:** MAP3K7

**Gene Alias:** TAK1, TGF1a

**Gene Summary:** 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. [provided by RefSeq]