

bsm-54071R**[Primary Antibody]****TAK1/MAP3K7 Recombinant Rabbit mAb**

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— DATASHEET —

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| Host: Rabbit | Isotype: IgG | Applications: WB (1:500-1000) ICC/IF (1:50-100) |
| Clonality: Recombinant | | Reactivity: Human, Mouse |
| GeneID: 6885 | SWISS: O43318 | |
| Target: TAK1/MAP3K7 | | |
| Purification: affinity purified by Protein A | | |
| Concentration: 1mg/ml | | Predicted MW.: 67 kDa |
| Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. | | Subcellular Location: Cell membrane ,Cytoplasm |
| 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. [provided by RefSeq, Jul 2008] | | |