

**bsm-60659R****[ Primary Antibody ]****phospho-TBK1 (Ser172) Recombinant Rabbit mAb****BioSS**  
**ANTIBODIES**

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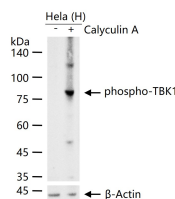
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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)  <b>Reactivity:</b> Human  <b>Predicted MW.:</b> 84 kDa  <b>Subcellular Location:</b> Cytoplasm
<b>Clonality:</b> Recombinant	<b>CloneNo.:</b> R7D3	
<b>GeneID:</b> 29110	<b>SWISS:</b> Q9UHD2	
<b>Target:</b> phospho-TBK1 (Ser172)		
<b>Immunogen:</b> A synthesized peptide derived from human TBK1 around the phosphorylation site of S172: QFV-pS-LYG.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> The NF-kappa-B (NFKB) complex of proteins is inhibited by I-kappa-B (IKB) proteins, which inactivate NFKB by trapping it in the cytoplasm. Phosphorylation of serine residues on the IKB proteins by IKB kinases marks them for destruction via the ubiquitination pathway, thereby allowing activation and nuclear translocation of the NFKB complex. The protein encoded by this gene is similar to IKB kinases and can mediate NFKB activation in response to certain growth factors. [provided by RefSeq, Oct 2010]		

**— VALIDATION IMAGES —**

HeLa (H) cells were treated with or without Calyculin A (100nM) for 30 min, 25 µg total protein per lane of cell lysates (see on figure) probed with phospho-TBK1 monoclonal antibody, unconjugated (bsm-60659R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.