

**bs-1355R****[ Primary Antibody ]**

www.bioss.com.cn

sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

**TANK Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500) <b>ELISA</b> (1:5000-10000)  <b>Reactivity:</b> (predicted: Human, Mouse, Rat)  <b>Predicted MW.:</b> 48 kDa  <b>Subcellular Location:</b> Cytoplasm ,Nucleus
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 8658	<b>SWISS:</b> O95271	
<b>Target:</b> TANK		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human TANK: 151-260/425.		
<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> TANK was initially identified as a novel TRAF-interacting protein that regulated TRAF-mediated signal transduction. Specifically, ligand binding by surface receptors in the tumor necrosis factor (TNF) receptor and Toll/interleukin-1 (IL-1) receptor families lead to the formation of a TRAF/TANK complex that mediates the activation of the transcription factor NF-kappaB. TANK is found in the cytoplasm and can bind to TRAF1, TRAF2, or TRAF3, thereby inhibiting TRAF function by sequestering the TRAFs in a latent state in the cytoplasm. For example, this protein can block TRAF2 binding to LMP1, the Epstein Barr virus transforming protein, and inhibit LMP1-mediated NF kappa B activation.		

**— SELECTED CITATIONS —**

- **[IF=8.786]** Shasha Li. et al. TANK shapes an immunosuppressive microenvironment and predicts prognosis and therapeutic response in glioma. FRONT IMMUNOL. 2023; 14: 1138203 IHC ;Human. 37215097