

**bs-7538R****[ Primary Antibody ]****TRIB3 Rabbit pAb****Bioss**  
**ANTIBODIES**

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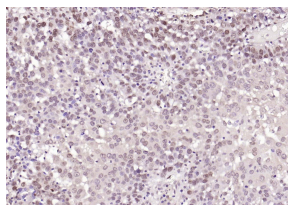
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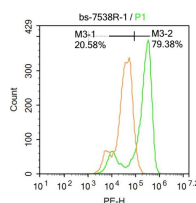
400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 57761 <b>Target:</b> TRIB3 <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human TRIB3: 201-300/358. <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 protein encoded by this gene is a putative protein kinase that is induced by the transcription factor NF-kappaB. The encoded protein is a negative regulator of NF-kappaB and can also sensitize cells to TNF- and TRAIL-induced apoptosis. In addition, this protein can negatively regulate the cell survival serine-threonine kinase AKT1. Differential promoter usage and alternate splicing result in multiple transcript variants. [provided by RefSeq, Jul 2014]	<b>Isotype:</b> IgG <b>SWISS:</b> Q96RU7	<b>Applications:</b> IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Flow-Cyt (1ug/test) <b>Reactivity:</b> Human, Rat (predicted: Mouse, Rabbit, Pig, Cow, Chicken, Dog, Horse) <b>Predicted MW.:</b> 40 kDa <b>Subcellular Location:</b> Nucleus
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**— VALIDATION IMAGES —**

Paraformaldehyde-fixed, paraffin embedded (human lung carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (TRIB3) Polyclonal Antibody, Unconjugated (bs-7538R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Blank control:A431. Primary Antibody (green line): Rabbit Anti-TRIB3 antibody (bs-7538R) Dilution: 1µg /10<sup>6</sup> cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody : Goat anti-rabbit IgG-AF647 Dilution: 1µg /test. Protocol The cells were fixed with 4% PFA (10min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C. The cells were then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

**— SELECTED CITATIONS —**

- **[IF=6.772]** Ye Man-ping. et al. Mitochondrial stress induces hepatic stellate cell activation in response to the ATF4/TRIB3 pathway stimulation. J GASTROENTEROL. 2023 May;;1-14 IHC,WB ;Rat. 37150773
- **[IF=6.208]** Yanan Hao. et al. Alginate Oligosaccharides Repair Liver Injury by Improving Anti-Inflammatory Capacity in a Busulfan-Induced Mouse Model. INT J MOL SCI. 2023 Jan;24(4):3097 IF ;Mouse. 36834506

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.