

bs-13657R**[Primary Antibody]****NSP3 Rabbit pAb**

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— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 10044 Target: NSP3 Immunogen: KLH conjugated synthetic peptide derived from human NSP3: 761-860/860. Purification: affinity purified by Protein A Concentration: 1mg/ml 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. Background: Tumor necrosis factor (TNF) is a pleiotropic cytokine whose function is mediated through two distinct cell surface receptors (1,2). These receptors, designated TNF-R1 and TNF-R2, are expressed on most cell types (1,3). The majority of TNF functions are primarily mediated through TNF-R1 (1,4). FAN (for factor associated with neutral sphingomyelinase (N-SMase) activation) is an intermediate protein that interacts with TNF-R1 to initiate TNF signaling events. FAN binds to TNF-R1 at the cytoplasmic NSD (N-SMase activating domain), which results in the initiation of the N-SMase pathway (5). N-SMase has been shown to be involved in TNF-induced Raf-1 activation (6). FAN contains four carboxy-terminal WD-repeat domains which appear to be involved in protein-protein interaction. The FAN WD-repeats may mediate the interaction between FAN and TNF-R1 (5).	Isotype: IgG SWISS: Q8N5H7 Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) ELISA (1:5000-10000) Reactivity: (predicted: Human, Mouse, Rat, Cow, Dog) Predicted MW.: 94 kDa Subcellular Location: Cell membrane ,Cytoplasm
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— SELECTED CITATIONS —

- **[IF=2.401]** Jie Wang . et al. BDNF-overexpressing human umbilical cord mesenchymal stem cell-derived motor neurons improve motor function and prolong survival in amyotrophic lateral sclerosis mice. Neurol Res. 2021;43(3):199-209 IF ;Human. 33076784