

bs-10142R**[Primary Antibody]****ZFAND5 Rabbit pAb**

www.bioss.com.cn

sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: 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, Rabbit, Pig, Sheep, Cow, Chicken) Predicted MW.: 23 kDa Subcellular Location: Cytoplasm
Clonality: Polyclonal		
GeneID: 7763	SWISS: O76080	
Target: ZFAND5		
Immunogen: KLH conjugated synthetic peptide derived from human ZFAND5: 121-213/213.		
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: Inhibits NF-kappa-B activation triggered by overexpression of RIPK1 and TRAF6 but not of RELA. Inhibits also tumor necrosis (TNF), IL-1 and TLR4-induced NF-kappa-B activation in a dose-dependent manner. Overexpression sensitizes cells to TNF-induced apoptosis. Could be involved in regulating NF-kappa-B activation and apoptosis. Is a potent inhibitory factor for osteoclast differentiation. Involved in protein degradation via the ubiquitin-proteasome system and plays a critical role in muscle atrophy. May act by anchoring ubiquitinated proteins to the proteasome, playing a critical role in protein degradation.		

— SELECTED CITATIONS —

- **[IF=9.7]** Hanchu Xiong. et al. Acidosis activates breast cancer ferroptosis through ZFAND5/SLC3A2 signaling axis and elicits M1 macrophage polarization. CANCER LETT. 2024 Feb;;216732 WB ;Human. 38360142
- **[IF=3.1]** Sheng Yueyang. et al. Enhanced understanding of cinnamaldehyde' s therapeutic potential in osteoarthritis through bioinformatics and mechanistic validation of its anti-apoptotic effect. FRONT MED-LAUSANNE. 2024 Sep;11: WB,IF ;Human. 39376659