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ZFAND5 Rabbit pAb

Catalog Number:	bs-10142R
Target Protein:	ZFAND5
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
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
Entrez Gene:	7763
Swiss Prot:	O76080
Source:	KLH conjugated synthetic peptide derived from human ZFAND5: 121-213/213.
Purification:	affinity purified by Protein A
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 ubiquitinylated proteins to the proteasome, playing a critical role in protein degradation.

PRODUCT SPECIFIC PUBLICATIONS

[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