

bs-55131R**[Primary Antibody]****MLKL Rabbit pAb****Bioss**
ANTIBODIES

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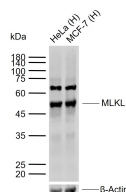
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DATASHEET

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:400-800) IF (1:100-500) Reactivity: Human (predicted: Mouse, Rat) Predicted MW.: 54 kDa Subcellular Location: Cell membrane ,Cytoplasm
Clonality: Polyclonal		
GeneID: 74568	SWISS: Q9D2Y4	
Target: MLKL		
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: This gene belongs to the protein kinase superfamily. The encoded protein contains a protein kinase-like domain; however, is thought to be inactive because it lacks several residues required for activity. This protein plays a critical role in tumor necrosis factor (TNF)-induced necroptosis, a programmed cell death process, via interaction with receptor-interacting protein 3 (RIP3), which is a key signaling molecule in necroptosis pathway. Inhibitor studies and knockdown of this gene inhibited TNF-induced necrosis. High levels of this protein and RIP3 are associated with inflammatory bowel disease in children. Alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Sep 2015].		

VALIDATION IMAGES

Sample: Lane 1: Human HeLa cell lysates Lane 2: Human MCF-7 cell lysates
Primary: Anti-MLKL (bs-55131R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 54 kDa
Observed band size: 50 kDa

SELECTED CITATIONS

- **[IF=4.3]** Shasha Chen. et al. Quercetin alleviates zearalenone-induced apoptosis and necroptosis of porcine renal epithelial cells by inhibiting CaSR/CaMKII signaling pathway. FOOD CHEM TOXICOL. 2023 Nov;;114184 **WB ;Fig.** 37951344