

**Anti-Human MLKL Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA05011**

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3th Edition

**Description:** 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. MLKL (Mixed Lineage Kinase Domain Like Pseudokinase) is a Protein Coding gene. Among its related pathways are Apoptosis and Autophagy and CDK-mediated phosphorylation and removal of Cdc6. GO annotations related to this gene include transferase activity, transferring phosphorus-containing groups and protein tyrosine kinase activity.

**Antigen:** Synthesized peptide derived from the N-terminal region of human MLKL

**Form:**

**How to use:** 1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:** PBS (pH7.4) containing 1% BSA

**Application:** This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:**