

MLKL Phospho ser345 rabbit pAb

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|------------------------------|---|
| Catalog No : | YP1710 |
| Reactivity : | Human |
| Applications : | WB |
| Target : | MLKL |
| Fields : | >>Necroptosis;>>TNF signaling pathway;>>Salmonella infection |
| Gene Name : | MLKL |
| Protein Name : | MLKL Phospho-ser345 |
| Human Gene Id : | 197259 |
| Human Swiss Prot No : | Q8NB16 |
| Mouse Gene Id : | 74568 |
| Mouse Swiss Prot No : | Q9D2Y4 |
| Immunogen : | Synthesized peptide derived from human MLKL Phospho-ser345 |
| Specificity : | This antibody detects endogenous levels of MLKL Phospho-ser345 at Human, Mouse,Rat |
| Formulation : | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source : | Polyclonal, Rabbit,IgG |
| Dilution : | WB 1:500-2000 |
| Purification : | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen. |
| Concentration : | 1 mg/ml |

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight : 52kD

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],

Function : domain:The protein kinase domain is predicted to be catalytically inactive.,similarity:Belongs to the protein kinase superfamily.,similarity:Contains 1 protein kinase domain.,

Subcellular Location : Cytoplasm . Cell membrane . Nucleus . Localizes to the cytoplasm and translocates to the plasma membrane on necroptosis induction (PubMed:24316671). Localizes to the nucleus in response to orthomyxoviruses infection (By similarity). .

Expression : Chondrocyte,Leukocyte,Lymph node,

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