



MLKL Phospho-ser345 rabbit pAb

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|---------------------------|--|
| Catalog No | YP-Ab-10482 |
| Isotype | IgG |
| Reactivity | Human |
| Applications | WB |
| Gene Name | MLKL |
| Protein Name | MLKL Phospho-ser345 |
| 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, and 0.137% sodium azide. |
| Source | Polyclonal, Rabbit,IgG |
| Purification | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen. |
| Dilution | WB 1:500-2000 |
| Concentration | 1 mg/ml |
| Purity | ≥90% |
| Storage Stability | -20°C/1 year |
| Synonyms | Mixed lineage kinase domain-like protein |
| Observed Band | |
| Cell Pathway | 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). . |
| Tissue Specificity | Chondrocyte,Leukocyte,Lymph node, |
| 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., |
| 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], |

**matters needing attention**

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images