



# MLKL Phospho-ser345 rabbit pAb

<b>Catalog No</b>	YP-Ab-10482
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human
<b>Applications</b>	WB
<b>Gene Name</b>	MLKL
<b>Protein Name</b>	MLKL Phospho-ser345
<b>Immunogen</b>	Synthesized peptide derived from human MLKL Phospho-ser345
<b>Specificity</b>	This antibody detects endogenous levels of MLKL Phospho-ser345 at Human, Mouse,Rat
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.137% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	Mixed lineage kinase domain-like protein
<b>Calculated Molecular Weight</b>	52kD
<b>Cell Pathway</b>	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). .
<b>Tissue Specificity</b>	Chondrocyte,Leukocyte,Lymph node,
<b>Function</b>	domain:The protein kinase domain is predicted to be catalytically inactive.,similarity:Belongs to the protein kinase superfamily.,similarity:Contains 1 protein kinase domain.,
<b>Background</b>	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