MLKL Phospho-ser345 rabbit pAb

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