

MLKL Phospho ser345 rabbit pAb

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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