

**MLKL (phospho Ser358) Polyclonal Antibody**

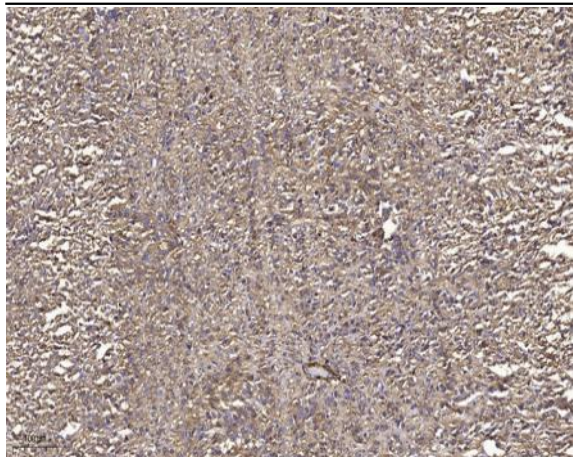
<b>Catalog No :</b>	YP1244
<b>Reactivity :</b>	Human
<b>Applications :</b>	IHC;IF
<b>Target :</b>	MLKL
<b>Fields :</b>	>>Necroptosis;>>TNF signaling pathway;>>Salmonella infection
<b>Gene Name :</b>	MLKL
<b>Protein Name :</b>	MLKL (phospho S358)
<b>Human Gene Id :</b>	197259
<b>Human Swiss Prot No :</b>	Q8NB16
<b>Immunogen :</b>	Synthesized peptide derived from human MLKL (phospho S358)
<b>Specificity :</b>	This antibody detects endogenous phospho levels of MLKL (phospho S358) at Human, Mouse, Rat
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	IHC 1:100-500;IF ICC 1:100-500
<b>Purification :</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	55kD

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<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],
<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>Subcellular Location :</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>Expression :</b>	Chondrocyte,Leukocyte,Lymph node,
<b>Tag :</b>	orthogonal
<b>Sort :</b>	1
<b>No2 :</b>	91689S
<b>No3 :</b>	ab187091
<b>No4 :</b>	1
<b>Host :</b>	Rabbit
<b>Modifications :</b>	Phospho

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## Products Images



Immunohistochemical analysis of paraffin-embedded human small intestinal carcinoma tissue. 1,primary Antibody was diluted at 1:200(4° overnight). 2, Sodium citrate pH 6.0 was used for antigen retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200