

# MLKL(Phospho S358) Polyclonal Antibody

## Description

Product type Primary Antibody

Code BT-AP11379

Host Rabbit

Isotype IgG

Size 100ul, 50ul, 20ul

Immunogen Synthesized peptide derived from human MLKL (phospho S358)

Mol wt N/A

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application IHC-p, IF, WB

Concentration 1 mg/ml

Full name MLKL

Synonyms MLKL ;phospho S358; Mixed lineage kinase domain-like protein

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

## 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.

## Recommended Dilution

WB: 1: 500 - 1: 2000 IHC-p: 1: 50 - 1: 200

Not yet tested in other applications.

## **Images**

No images.

#### Storage

-20°C for 1 year