Datasheet for ABIN7246934

anti-MLKL antibody

2 Images

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Overview

Quantity:	200 µL
Target:	MLKL
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MLKL antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Fusion protein of human MLKL
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details

Target:	MLKL
Alternative Name:	MLKL (MLKL Products)
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),

Target Details

	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.MLKL (Mixed Lineage Kinase Domain Like Pseudokinase) is a Protein Coding gene. Among its related pathways are Apoptosis and Autophagy and CDK-mediated phosphorylation and removal of Cdc6. GO annotations related to this gene include transferase activity, transferring phosphorus-containing groups and protein tyrosine kinase activity.
UniProt:	Q8NB16

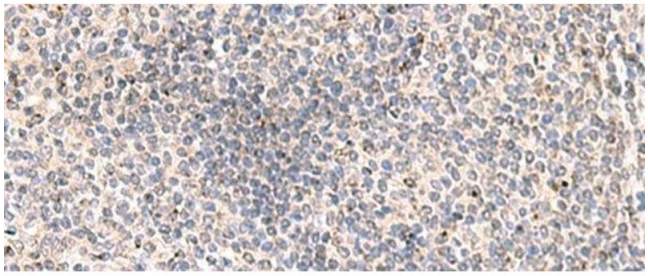
Application Details

Application Notes:	IHC 1:50-1:300, ELISA 1:5000-1:10000
Restrictions:	For Research Use only

Handling

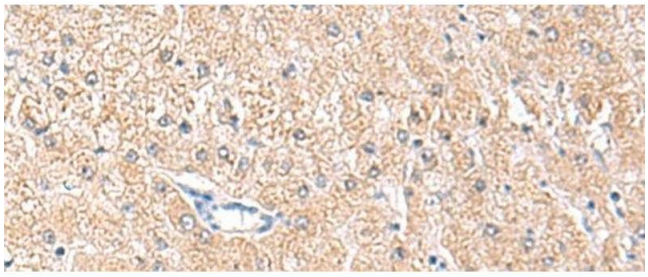
Format:	Liquid
Concentration:	1.5 mg/mL
Buffer:	PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human tonsil tissue using MLKL Polyclonal Antibody at dilution of 1:85(x200)



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded Human liver cancer tissue using MLKL Polyclonal Antibody at dilution of 1:85(x200)

