

# Product Datasheet

## MLKL Antibody - BSA Free NBP1-56729

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### Publications: 6

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**NBP1-56729**

MLKL Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 2% Sucrose
Target Molecular Weight	54 kDa
Product Description	
Description	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
Host	Rabbit
Gene ID	197259
Gene Symbol	MLKL
Species	Human
Immunogen	Synthetic peptides corresponding to MLKL(mixed lineage kinase domain-like) The peptide sequence was selected from the N terminal of MLKL (NP_689862). Peptide sequence DVWKELSLLLQVEQRMPVSPISQGASWAQEDQQDADEDRRAFQMLRRDNE. The peptide sequence for this immunogen was taken from within the described region.
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1.0 ug/ml, Immunohistochemistry, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin
Application Notes	Immunoprecipitation was reported in scientific literature.

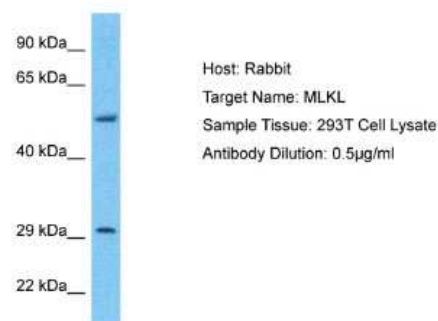


## Images

Western Blot: MLKL Antibody [NBP1-56729] - Human fetal kidney lysate, concentration 0.2-1 ug/ml.



Western Blot: MLKL Antibody [NBP1-56729] - 293T Whole Cell lysates, Antibody Dilution: 1 ug/ml.



## Publications

Baumschabl, M, M Investigation of the Large Extracellular Vesicle-Encapsulated Long Noncoding RNA GAS5 in Cardiovascular Disease Thesis 2022-01-01 (WB, Human)

Pradhan AJ, Lu D, Parisi LR et al. Protein acylation by saturated very long chain fatty acids and endocytosis are involved in necroptosis Cell chemical biology 2021-04-07 [PMID: 33848465]

Metzig MO, Fuchs D, Tagscherer KE, Grone HJ. Inhibition of caspases primes colon cancer cells for 5-fluorouracil-induced TNF- $\alpha$ -dependent necroptosis driven by RIP1 kinase and NF- $\kappa$ B. Oncogene. 2015-11-02 [PMID: 26522725] (WB, Human)

Miki Y, Akimoto J, Moritake K et al. Photodynamic therapy using talaporfin sodium induces concentration-dependent programmed necroptosis in human glioblastoma T98G cells Lasers Med Sci. 2015-06-25 [PMID: 26109138] (WB, Human)

Ewing RM, Chu P, Elisma F et al. Large-scale mapping of human protein-protein interactions by mass spectrometry. Mol Syst Bio 2007-01-01 [PMID: 17353931]

Zhao J, Jitkaew S, Cai Z, Choksi S, Li Q, Luo J, Liu ZG. Mixed lineage kinase domain-like is a key receptor interacting protein 3 downstream component of TNF-induced necrosis. Proc Natl Acad Sci U S A;109(14):5322-7. 2012-04-03 [PMID: 22421439] (WB, IP, Human)



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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00197259-Q01-10ug	Recombinant Human MLKL GST (N-Term) Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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