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Anti-MLZE Antibody

Catalog # AP60673

Product Information

Application	WB, IF/IC
Primary Accession	Q9BYG8
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	57692

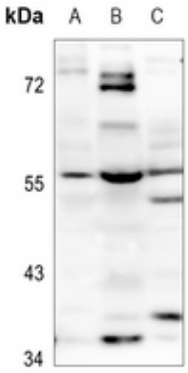
Additional Information

Gene ID	56169
Other Names	MLZE; Gasdermin-C; Melanoma-derived leucine zipper-containing extranuclear factor
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human MLZE. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

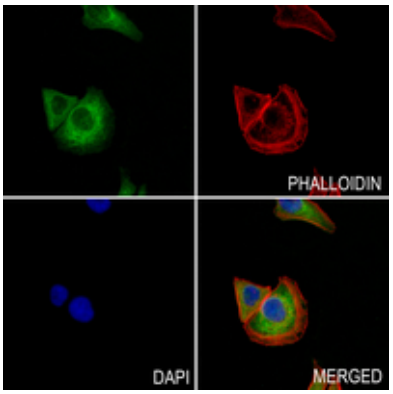
Protein Information

Name	GSDMC {ECO:0000303|PubMed:17350798, ECO:0000312|HGNC:HGNC:7151}
Function	[Gasdermin-C]: This form constitutes the precursor of the pore-forming protein: upon cleavage, the released N-terminal moiety (Gasdermin-C, N-terminal) binds to membranes and forms pores, triggering pyroptosis.
Cellular Location	[Gasdermin-C]: Cytoplasm, cytosol
Tissue Location	Expressed mainly in trachea and spleen (PubMed:11223543). In the esophagus, expressed in differentiating cells and probably in differentiated cells. Also detected in gastric epithelium (PubMed:19051310).

Images



Western blot analysis of MLZE expression in mouse spleen (A), rat kidney (B), rat spleen (C) whole cell lysates. (Predicted band size: 57 kD; Observed band size: 58 kD)



Immunofluorescent analysis of MLZE staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.