

DFNA5/GSDME Rabbit mAb

Catalog # AP75352

Product Information

Application	WB, FC, IP
Primary Accession	O60443
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	54555

Additional Information

Gene ID	1687
Other Names	GSDME
Dilution	WB~~1:500-1:1000 FC~~1:50-1:100 IP~~1:20-1:50
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

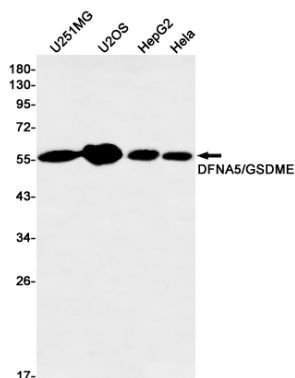
Protein Information

Name	GSDME {ECO:0000303 PubMed:28459430, ECO:0000312 HGNC:HGNC:2810}
Function	[Gasdermin-E]: Precursor of a pore-forming protein that converts non-inflammatory apoptosis to pyroptosis (PubMed: 27281216 , PubMed: 28459430 , PubMed: 33852854 , PubMed: 35594856 , PubMed: 36607699). This form constitutes the precursor of the pore-forming protein: upon cleavage, the released N-terminal moiety (Gasdermin-E, N-terminal) binds to membranes and forms pores, triggering pyroptosis (PubMed: 28459430).
Cellular Location	[Gasdermin-E, N-terminal]: Cell membrane; Multi-pass membrane protein {ECO:0000250 UniProtKB:Q5Y4Y6}
Tissue Location	Expressed in cochlea (PubMed:9771715). Low level of expression in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas, with highest expression in placenta (PubMed:9771715).

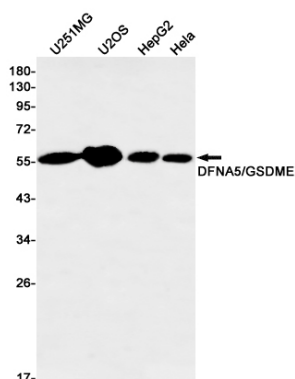
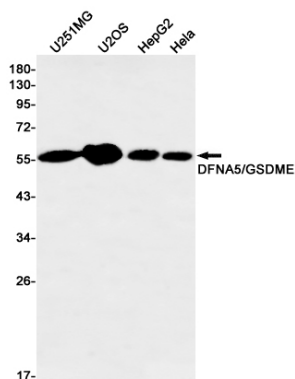
Background

Precursor of a pore-forming protein that converts non-inflammatory apoptosis to pyroptosis (PubMed:27281216, PubMed:28459430, PubMed:33852854, PubMed:35594856, PubMed:36607699). This form constitutes the precursor of the pore-forming protein: upon cleavage, the released N-terminal moiety (Gasdermin-E, N-terminal) binds to membranes and forms pores, triggering pyroptosis

Images



Western blot analysis of DFNA5/GSDME in U251MG, U2OS, HepG2, HeLa lysates using GSDME antibody.



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