

Product Name: Caspase 5 Rabbit Monoclonal Antibody
Catalog #: AMRe83824



Summary

Production Name	Caspase 5 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IP,IHC,ICC,IF
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Immunogen

Gene Name	Caspase 5
Alternative Names	CASP5; Apoptosis related cysteine protease; CASP-5; Caspase-5 subunit p10; Protease ICH-3; TY protease;;Caspase 5
Gene ID	
SwissProt ID	P51878.A synthesized peptide derived from human Caspase 5

Application

Dilution Ratio	WB:1:1000-1:2000,IP:1:20-1:50,IHC:1:100-1:200;IF:1:50-1:200,ICC:1:50-1:200
Molecular Weight	Calculated MW: 50 kDa ; Observed MW: 47 kDa

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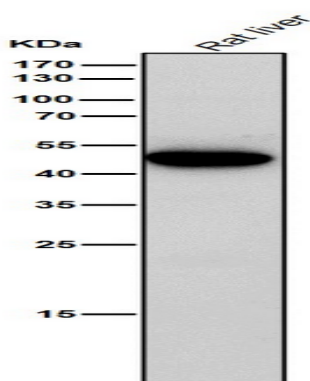


Background

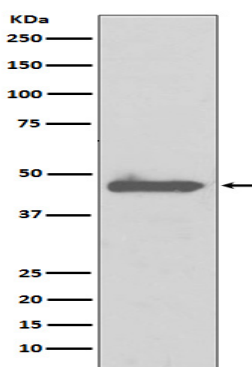
Thiol protease that acts as a mediator of programmed cell death. Initiates pyroptosis, a programmed lytic cell death pathway through cleavage of Gasdermin-D (GSDMD): cleavage releases the N-terminal gasdermin moiety (Gasdermin-D, N-terminal) that binds to membranes and forms pores, triggering pyroptosis.

Research Area

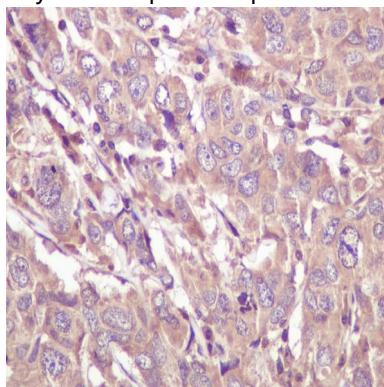
Image Data



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



Western blot analysis of Caspase 5 expression in HeLa cell lysate.



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Immunohistochemical analysis of paraffin-embedded human breast cancer, using Caspase 5 Antibody.

Note

For research use only.