

Rabbit anti-Human GSDMA Polyclonal Antibody | anti-GSDMA antibody

GSDMA Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234871	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

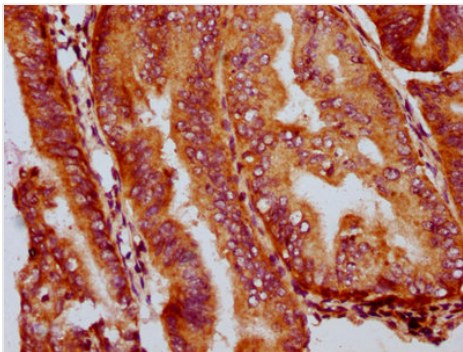
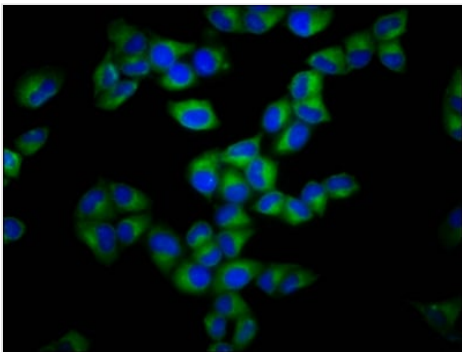
PRODUCT SYNONYMS

GSDMA; Polyclonal Antibody; GSDMA Antibody; Gasdermin-A; Gasdermin-1; GSDM; GSDM1; FKSG9; anti-GSDMA antibody

PRODUCT SPECIFICATIONS

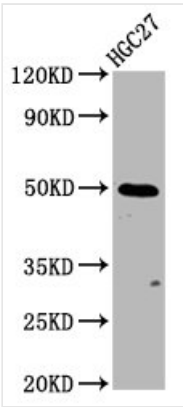
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	445
Applicable Applications for anti-GSDMA antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Gasdermin-A protein (64-172AA)
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Immunogen Species	Homo sapiens (Human)
Research Area	Cell Biology
Target Names	GSDMA
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemisry)
Immunofluorescence staining of Hela cells with AAA234871 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).

IHC (Immunohiostchemistry)
IHC image of AAA234871 diluted at 1:400 and staining in paraffin-embedded human endometrial cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)
Western BlotPositive WB detected in: HGC27 whole cell lysateAll lanes: GSDMA antibody at 3.85ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 50 KDaObserved band size: 50 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-GSDMA antibody	May promote pyroptosis (Probable). Upon cleavage in vitro of genetically engineered GSDMA, the released N-terminal moiety binds to some types of lipids, such as possibly phosphatidylinositol (4, 5)-bisphosphate. Homooligomerizes within the membrane and forms pores of 10 -15 nanometers (nm) of inner diameter, triggering cell death. Also binds to bacterial and mitochondrial lipids, including cardiolipin, and exhibits bactericidal activity (PubMed:27281216). The physiological relevance of these observations is unknown (Probable).
Product Categories/Family for anti-GSDMA antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	150456463
NCBI GeneID	284110
NCBI Accession #	NP_835465.2
NCBI GenBank Nucleotide #	NM_178171.4
UniProt Accession #	Q96QA5
NCBI Official Full Name	gasdermin-A

NCBI Official Synonym Full Names	gasdermin A
NCBI Official Symbol	GSDMA
NCBI Official Synonym Symbols	GSDM; FKSG9; GSDM1
NCBI Protein Information	gasdermin-A

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/gsdma-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/234871>