

cGAS Rabbit mAb (AR1608)

Key Features

Host Species:	Rabbit
Reactivity:	Human
Applications:	WB,IHC,IF,ELISA
Isotype:	IgG,Kappa
MW:	59 kD (Calculated) 65 kD (Observed)

Recommended Dilution Ratios

IHC:	1:100-500
WB:	1:1000-5000
IF:	1:200-1000
ELISA:	1:5000-20000

Storage

-15°C to -25°C/1 year (Do not lower than -25°C)

Basic Information

Clonality	Monoclonal
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Immunogen Information

Specificity	Endogenous
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Target Information

Gene name	MB21D1 cGAS C6orf150
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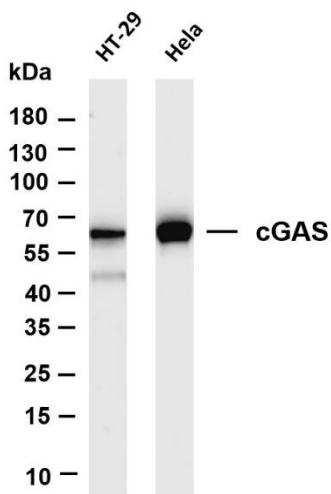
Protein Name	M21D1
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Organism	Gene ID	UniProt ID
Human	115004	Q8N884

Cellular Localization	Cytoplasm, Membrane
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Tissue specificity	Expressed in the monocytic cell line THP1.
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Validation Data



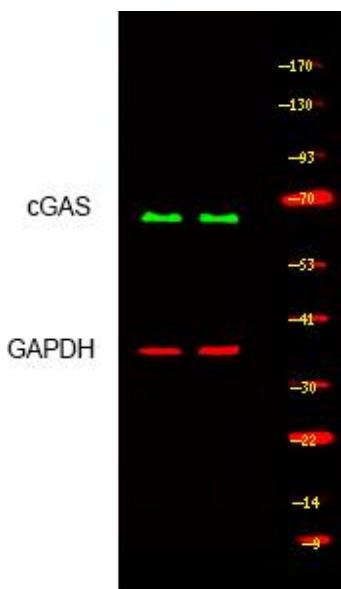
Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-cGAS antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

Lane 1: HT-29

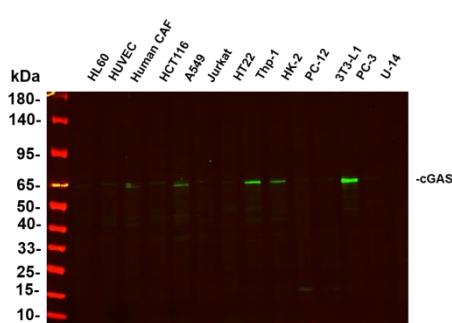
Lane 2: Hela

Predicted band size: 59kDa

Observed band size: 65kDa



Western blot analysis of lysates from MCF-7 and THP1 cells, primary antibody was diluted at 1:1000, 4°C overnight.



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the primary antibody was used at 4°C, over night with a 1:2500 dilution. The Dylight 800-conjugated Goat anti-Rabbit antibody was used to detect the antibody.

Lane1: HL60 - Human promyelocytic leukemia cell

Lane2: HUVEC - Human umbilical vein endothelial cell

Lane3: Human CAF Human cancer-associated fibroblast

Lane4: HCT116 - Human colorectal carcinoma

Lane5: A549 - Human lung carcinoma

Lane6: Jurkat - Human T lymphocyte leukemia

Lane7: HT22 - Mouse hippocampal neurons

Lane8: Thp-1 - Human monocytic leukemia

Lane9: HK-2 - Human proximal tubular epithelia

Lane10: PC-12 - Rat adrenal pheochromocyt

Lane11: 3T3-L1 Mouse embryonic fibroblast

Lane12: PC-3 - Human prostate adenocarcinoma

Lane13: U-14 - Mouse cervical carcinoma

Lane14: 293F - HEK293 derivative, adapted for suspension culture

Predicted band size: 59kDa

Observed band size: 65kDa

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