

cGAS Rabbit Polyclonal Antibody

Catalog No: #55482



Package Size: #55482-1 50ul #55482-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

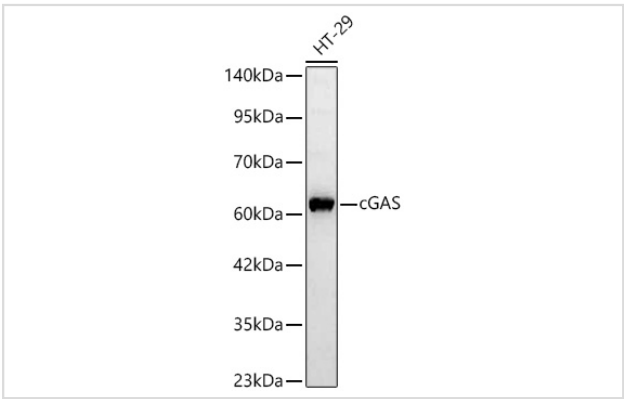
Description

Product Name	cGAS Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB;IHC;IF
Species Reactivity	Human;Mouse;Rat
Immunogen Description	Recombinant fusion protein of human cGAS (NP_612450.2).
Conjugates	Unconjugated
Other Names	MB21D1;C6orf150;cGAS;h-cGAS;CGAS
Accession No.	Swiss Prot:Q8N884Gene ID:115004
Calculated MW	59 kDa
SDS-PAGE MW	62 kDa
Concentration	2.5mg/ml
Formulation	PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

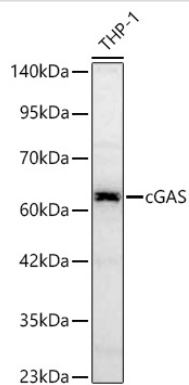
Application Details

WB 1:500-1:1000; IHC 1:50-1:200; IF 1:50-1:200;

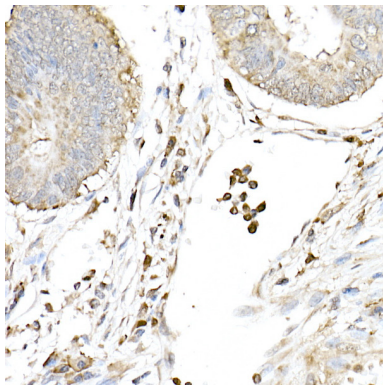
Images



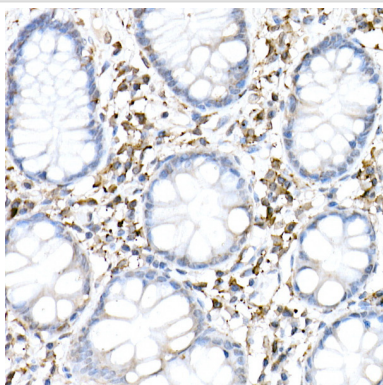
Western blot analysis of lysates from HT-29 cells using cGAS Rabbit pAb at 1:1000 dilution incubated overnight at 4°C.



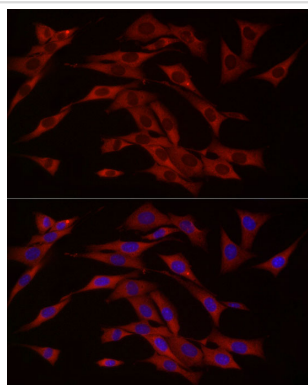
Western blot analysis of lysates from THP-1 cells using cGAS Rabbit pAb at 1:1000 dilution incubated overnight at 4°C.



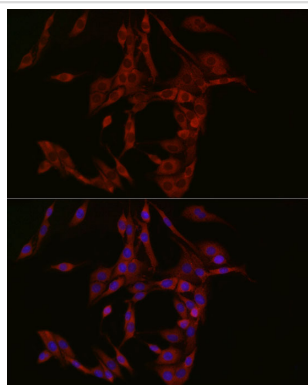
Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using cGAS Rabbit pAb at dilution of 1:50 (40x lens).



Immunohistochemistry analysis of paraffin-embedded Human colon using cGAS Rabbit pAb at dilution of 1:50 (40x lens).



Immunofluorescence analysis of NIH/3T3 cells using cGAS Rabbit pAb at dilution of 1:50 (40x lens).



Immunofluorescence analysis of PC-12 cells using cGAS Rabbit pAb at dilution of 1:50 (40x lens).

Background

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Published Papers

Bishu Wang;Xingguo Tang;Chuntao Xiao;Zhijie Yu;Huaben Bo;Jie Wang;Jinquan Wang et al., Nucleus-targeted ruthenium(II) complex triggers immunogenic cell death and sensitizes melanoma to anti-PD-1 therapy by activating cGAS-STING pathway., , (2025)

[PMID:40022761](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.