

cGAS Rabbit Polyclonal Antibody

Catalog No: #55482

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

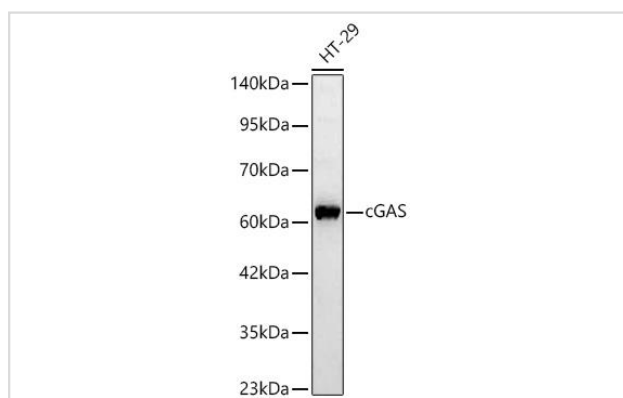
Description

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	Calculated MW: 59 kDa; Observed 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.

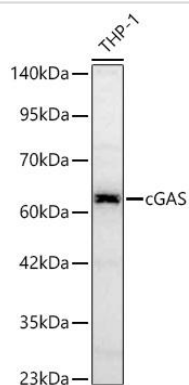
Application Details

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

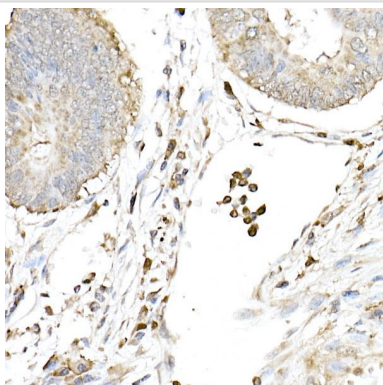
Images



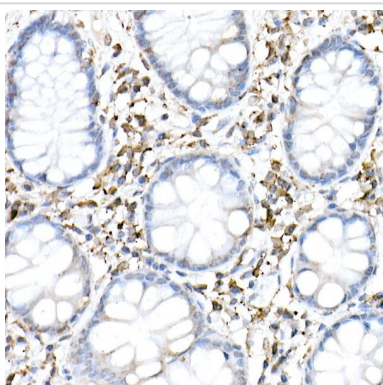
Western blot analysis of lysates from HT-29 cells using cGAS Rabbit pAb at 1:1000 dilution incubated overnight at 4°C.



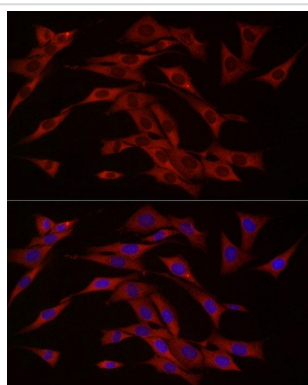
Western blot analysis of lysates from THP-1 cells using cGAS Rabbit pAb at 1:1000 dilution incubated overnight at 4°C.



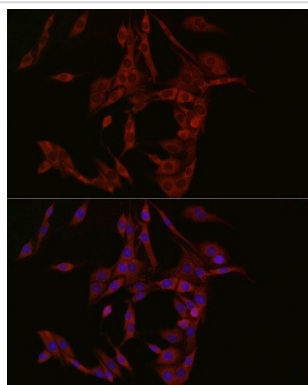
Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using cGAS Rabbit pAb at dilution of 1:50 (40x lens).



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

—

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.