

Rabbit cGAS Polyclonal Antibody | anti-cGAS antibody

cGAS Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA314714	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

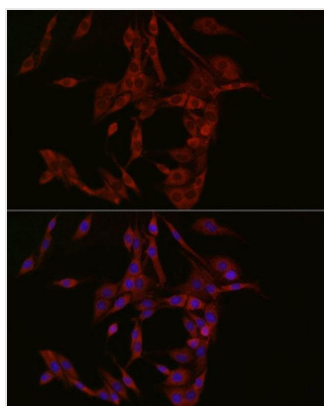
PRODUCT SYNONYMS

cGAS; Polyclonal Antibody; cGAS Rabbit Polyclonal Antibody; MB21D1; C6orf150; h-cGAS; CGAS; anti-cGAS antibody

PRODUCT SPECIFICATIONS

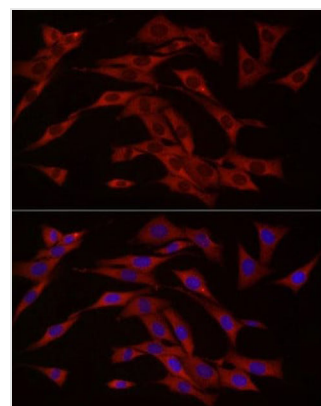
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.
Concentration	2.5 mg/ml (varies by lot)
Applicable Applications for anti-cGAS antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human cGAS (NP_612450.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



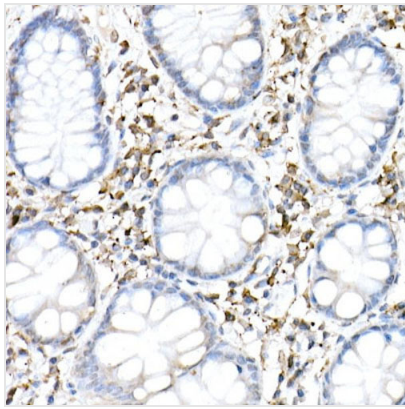
IF (Immunofluorescence)

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



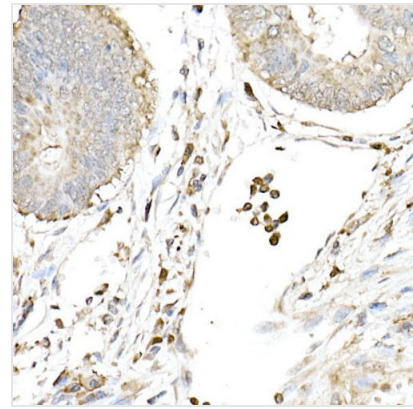
IF (Immunofluorescence)

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



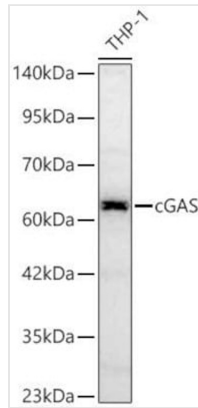
IHC (Immunohistochemistry)

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



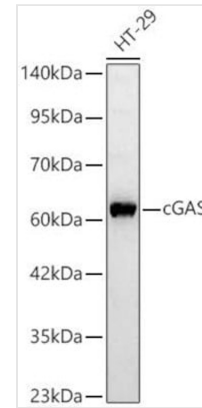
IHC (Immunohistochemistry)

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



WB (Western Blot)

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



WB (Western Blot)

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

ADDITIONAL INFORMATION

Product Categories/Family for anti-cGAS antibody	Primary Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	115511030
NCBI GeneID	115004
NCBI Accession #	NP_612450
NCBI GenBank Nucleotide #	NM_138441.2
UniProt Accession #	Q8N884 ; Q14CV6 ; Q32NC9 ; Q5SWL0 ; Q5SWL1 ; Q96E45 ; L0L2J9
Molecular Weight	Calculated MW: 59 kDa Observed MW: 62 kDa
NCBI Official Full Name	cyclic GMP-AMP synthase
NCBI Official Synonym Full Names	Mab-21 domain containing 1
NCBI Official Symbol	MB21D1
NCBI Official Synonym Symbols	cGAS; h-cGAS; C6orf150
NCBI Protein Information	cyclic GMP-AMP synthase

UniProt Protein Name	Cyclic GMP-AMP synthase
UniProt Gene Name	MB21D1
UniProt Synonym Gene Names	C6orf150; cGAMP synthase; cGAS; h-cGAS
UniProt Entry Name	CGAS_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cgas-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/314714>