

## Rabbit anti-Human, Mouse cGAS Polyclonal Antibody | anti-cGAS antibody

Anti-cGAS Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                       |
|-----------|--------|--------------|------------------------------------|
| AAA27885  | Rabbit | Human, Mouse | Western Blot, Immunohistochemistry |

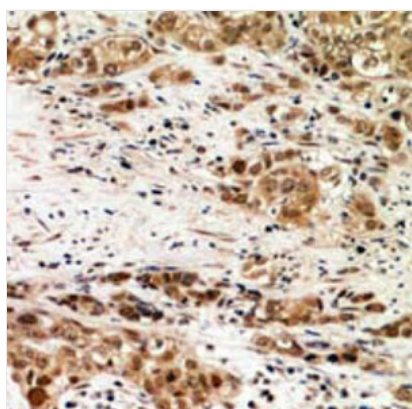
### PRODUCT SYNONYMS

cGAS; Polyclonal Antibody; Anti-cGAS Antibody; C6orf150; Cyclic GMP-AMP synthase; cGAMP synthase; h-cGAS; Mab-21 domain-containing protein 1; anti-cGAS antibody

### PRODUCT SPECIFICATIONS

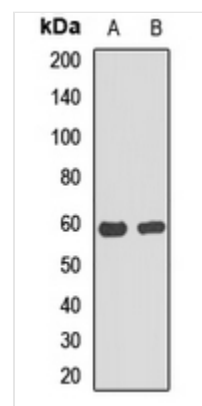
|                                                |                                                                                                           |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                    |
| Reactivity                                     | Human, Mouse                                                                                              |
| Clonality                                      | Polyclonal                                                                                                |
| Specificity                                    | Recognizes endogenous levels of cGAS protein.                                                             |
| Purity/Purification                            | The antibody was purified by immunogen affinity chromatography                                            |
| Form/Format                                    | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| Sequence Length                                | 447                                                                                                       |
| Applicable Applications for anti-cGAS antibody | WB (Western Blot), IHC (Immunohistochemistry)                                                             |
| Application Notes                              | WB: 1/500 - 1/2000<br>IHC: 1/50 - 1/200                                                                   |
| Immunogen                                      | KLH-conjugated synthetic peptide of human cGAS                                                            |
| Preparation and Storage                        | Upon receipt aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.                           |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of cGAS staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of cGAS expression in Jurkat (A), mouse spleen (B) whole cell lysates.

ADDITIONAL INFORMATION

|                                                    |                                    |
|----------------------------------------------------|------------------------------------|
| Related Product Information for anti-cGAS antibody | Rabbit polyclonal antibody to cGAS |
|----------------------------------------------------|------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| NCBI GI #                        | 115511030                                              |
| NCBI GeneID                      | 115004                                                 |
| NCBI Accession #                 | NP_612450.2                                            |
| NCBI GenBank Nucleotide #        | NM_138441.2                                            |
| UniProt Accession #              | Q8N884; Q14CV6; Q32NC9; Q5SWL0; Q5SWL1; Q96E45; L0L2J9 |
| NCBI Official Full Name          | cyclic GMP-AMP synthase                                |
| NCBI Official Synonym Full Names | cyclic GMP-AMP synthase                                |
| NCBI Official Symbol             | CGAS                                                   |
| NCBI Official Synonym Symbols    | MB21D1; 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       | h-cGAS                                                 |

**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/cgas-antibody-western-blot-immunohistochemistry-elisa/27885>