

## 兔抗 CGAS 多克隆抗体

- 中文名称：兔抗 CGAS 多克隆抗体
- 英文名称：Anti-CGAS rabbit polyclonal antibody
- 别名：cyclic GMP-AMP synthase; MB21D1; h-cGAS; C6orf150
- 相关类别：一抗
- 储存：冷冻（-20℃）
- 抗原：CGAS
- 宿主：Rabbit
- 反应种属：Human
- 标记物：Unconjugate
- 克隆类型：rabbit polyclonal

### 技术规格

#### Background:

cGAS (cyclic GMP-AMP synthase), also known as MB21D 1 (Mab-21 domain containing 1), h-cGAS or C6orf150, is a 522 amino acid cytoplasmic nucleotidyltransferase that catalyzes the formation of cyclic GMP-AMP (cGAMP) from ATP and GTP. cGAS is suggested to have antiviral activity by acting as a key cytosolic DNA sensor. cGAS binds to cytosolic DNA, which leads to cGAMP synthesis and activation of TMEM173, thereby trigger type-I interferon production. Expressed in monocytic cell line THP1, cGAS exists as two alternatively spliced isoforms and is encoded by a gene located on human chromosome 6q13

<b>Applications:</b>	ELISA, WB, IHC
<b>Name of antibody:</b>	CGAS
<b>Immunogen:</b>	Synthetic peptide of human CGAS
<b>Full name:</b>	cyclic GMP-AMP synthase
<b>Synonyms:</b>	MB21D1; h-cGAS; C6orf150
<b>SwissProt:</b>	Q8N884
<b>ELISA Recommended dilution:</b>	5000-10000
<b>IHC positive control:</b>	Human liver cancer
<b>IHC Recommend dilution:</b>	20-100
<b>WB Predicted band size:</b>	59 kDa
<b>WB Positive control:</b>	HT-29 and Lovo cell lysates
<b>WB Recommended dilution:</b>	500-2000



