

## CABP1228

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### Product Information

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|---------------------|----------|----------------------|--------|--------------------|-------------|
| <b>Product SKU:</b> | CABP1228 | <b>Gene ID:</b>      | 214763 | <b>Size:</b>       | 20uL, 100uL |
| <b>Clone No:</b>    | -        | <b>Host Species:</b> | Rabbit | <b>Reactivity:</b> | Human,Rat   |

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### Additional Information

|                       |       |                   |              |
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| <b>Observed MW:</b>   | 62kDa | <b>Conjugate:</b> | Unconjugated |
| <b>Calculated MW:</b> | 58kDa | <b>Isotype:</b>   | IgG          |

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### Immunogen Information

**Background:** The protein encoded by this gene is a DNA binding cytosolic protein that catalyzes the synthesis of cyclic guanosine monophosphate-adenosine monophosphate (cGAMP) after sensing the presence of DNA in the cytoplasm. cGAMP binds another protein, Stimulator of interferon genes (STING), leading to the induction of interferons, and a host immune response. Reduced expression of this gene inhibits interferon induction in the presence of some viral infections. Alternative splicing results in multiple transcript variants.

**Recommended Dilution:** WB,1:500 - 1:1000

**Synonyms:** Mb21d1; E330016A19Rik; Phospho-CGAS-S420

**Purification Method:** Affinity purification

**Immunogen:** A synthetic phosphorylated peptide around S420 of mouse CGAS (NP\_775562.2).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.