

CABP1176

Product Information

Product SKU:	CABP1176	Gene ID:	214763	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human,Mouse

Additional Information

Observed MW:	59kDa	Conjugate:	-
Calculated MW:	58kDa	Isotype:	IgG

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,1:100 - 1:500

Synonyms: Mb21d1; E330016A19Rik; Phospho-CGAS-S291

Purification Method: Affinity purification

Immunogen: A synthetic phosphorylated peptide around S291 of mouse CGAS (NP_775562.2).

Storage: Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.