

Anti-cGAS Antibody

Catalog #	Source	Reactivity	Applications
CQA2570	Rabbit	H, M, R	WB
Description	Rabbit polyclonal antibody to cGAS		
Immunogen	Recombinant full length protein of human cGAS		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of cGAS protein.		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/2000)		
Gene Symbol	MB21D1		
Alternative Names	C6orf150; Cyclic GMP-AMP synthase; cGAMP synthase; cGAS; h-cGAS; Mab-21 domain-containing protein 1		
Entrez Gene	115004 (Human); 214763 (Mouse)		
SwissProt	Q8N884 (Human); Q8C6L5 (Mouse)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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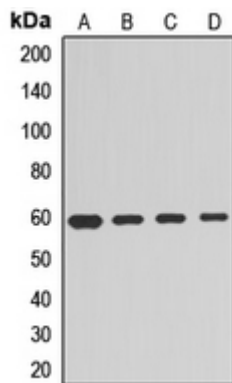
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Product Data Sheet



Western blot analysis of cGAS expression in MCF7 (A), HeLa (B), mouse heart (C), rat heart (D) whole cell lysates.
(Predicted band size: 58 kD; Observed band size: 58 kD)

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