

cGAS Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Published Species	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein corresponding to Human C6orf150
Form	Liquid
Concentration	0.20 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.2, with 40% glycerol
Contains	0.02% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2639106

Applications	Tested Dilution	Publications
Western Blot (WB)	0.04-0.4 µg/mL	2 Publications

Product Specific Information

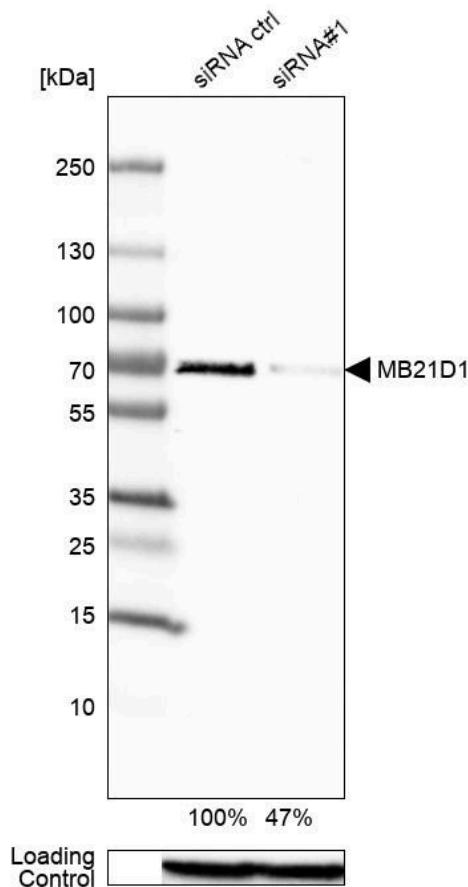
Immunogen sequence: RKQLRLKPFY LVPKHAKEGN GFQEETWRLS FSHIEKEILN NHGKSKTCCE NKEEKCCRKD CLKLMKYLL EQLKERF

Highest antigen sequence identity to the following orthologs: Mouse - 75%, Rat - 51%.

Product Images For cGAS Polyclonal Antibody

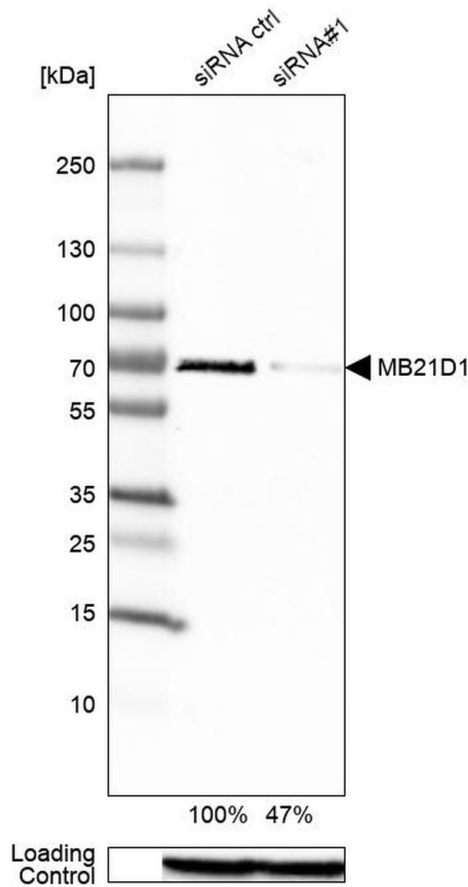
cGAS Antibody (PA5-56820)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. Rh30 cells were transfected with, control siRNA, C6orf150 siRNA probe #1, and a decrease in signal intensity was observed in Western Blot application using Anti-C6orf150 Polyclonal Antibody (Product # PA5-56820) used at a dilution of 0.4 µg/mL. Anti-GAPDH was used as a loading control. {KD}



cGAS Antibody (PA5-56820) in WB

Western blot analysis of C6orf150 in Rh30 cells transfected with control siRNA, target specific siRNA probe #1, using a C6orf150 Polyclonal Antibody (Product # PA5-56820). Remaining relative intensity is presented. Loading control: Anti-GAPDH.



Western Blot (2)

<p>Cells</p> <p>Subviral Dense Bodies of Human Cytomegalovirus Induce an Antiviral Type I Interferon Response.</p> <p>"Published figure using cGAS polyclonal antibody (Product # PA5-56820) in Western Blot"</p> <p>Authors: Penner I,Büscher N,Dejung M,Freiwald A,Butter F,Plachter B</p>	<p>Year</p> <p>2022</p>
<p>Cell reports</p> <p>A Nuclear Export Signal Is Required for cGAS to Sense Cytosolic DNA.</p> <p>"PA5-56820 was used in Western Blotting to demonstrate that the cytosolic DNA-sensing function of cGAS depends on its presence within the cytoplasm, which is warranted by a functional NES."</p> <p>Authors: Sun H,Huang Y,Mei S,Xu F,Liu X,Zhao F,Yin L,Zhang D,Wei L,Wu C,Ma S,Wang J,Cen S,Liang C,Hu S,Guo F</p>	<p>Year</p> <p>2021</p> <p>Species</p> <p>Human</p>

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