

Rabbit CGAS-Y215 Antibody | anti-CGAS-Y215 antibody

Phospho-CGAS-Y215 Rabbit pAb

CATALOG # AAA282438	HOST Rabbit	APPLICATIONS ELISA, Western Blot
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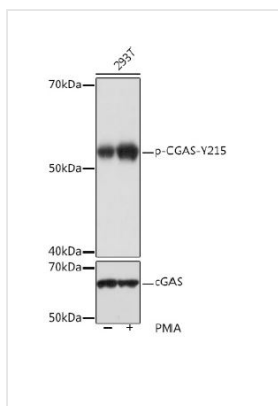
PRODUCT SYNONYMS

CGAS-Y215; Phospho-CGAS-Y215 Rabbit pAb; MB21D1; h-cGAS; C6orf150; anti-CGAS-Y215 antibody

PRODUCT SPECIFICATIONS

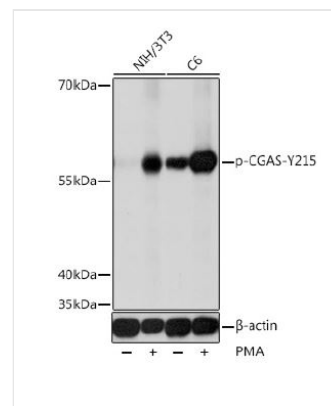
Host	Rabbit
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH 7.3.
Applicable Applications for anti-CGAS-Y215 antibody	ELISA, WB (Western Blot)
Immunogen	A synthetic phosphorylated peptide around Y215 of human CGAS (NP_612450.2).
Cross/Species Reactivity	Human, Mouse, Rat
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of 293T cells, using Phospho-CGAS-Y215 pAb (AAA282438) at 1:1000 dilution or cGAS antibody. 293T cells were treated by PMA/TPA (200 nM) at 37 degree for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit. Exposure time: 1s.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using Phospho-CGAS-Y215 antibody (AAA282438) at 1:1000 dilution. NIH/3T3 cells were treated by PMA/TPA (200 nM) at 37? for 30 minutes after serum-starvation overnight. C6 cells were treated by PMA/TPA (200 nM) at 37 degree C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit. Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-CGAS-Y215 antibody

Enables several functions, including 2',3'-cyclic GMP-AMP synthase activity; chromatin binding activity; and phosphatidylinositol-4,5-bisphosphate binding activity. Involved in several processes, including cellular response to exogenous dsRNA; positive regulation of intracellular signal transduction; and regulation of defense response. Located in several cellular components, including cytosol; nucleus; and site of double-strand break.

NCBI AND UNIPROT INFORMATION

NCBI GI #	115511030
NCBI GeneID	115004
NCBI Accession #	NP_612450
NCBI GenBank Nucleotide #	NM_138441.2
UniProt Accession #	Q8N884 ; Q14CV6 ; Q32NC9 ; Q5SWL0 ; Q5SWL1 ; Q96E45 ; L0L2J9
Molecular Weight	59 kDa
NCBI Official Full Name	cyclic GMP-AMP synthase
NCBI Official Synonym Full Names	Mab-21 domain containing 1
NCBI Official Symbol	MB21D1
NCBI Official Synonym Symbols	cGAS; h-cGAS; C6orf150
NCBI Protein Information	cyclic GMP-AMP synthase
UniProt Protein Name	Cyclic GMP-AMP synthase
UniProt Gene Name	MB21D1
UniProt Synonym Gene Names	C6orf150; cGAMP synthase; cGAS; h-cGAS
UniProt Entry Name	CGAS_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.