

Product Datasheet

cGAS Antibody - BSA Free

NBP3-16666-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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NBP3-16666-100ul

cGAS Antibody - BSA Free

Product Information

Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 50% glycerol, pH7.3
Target Molecular Weight	59 kDa

Product Description

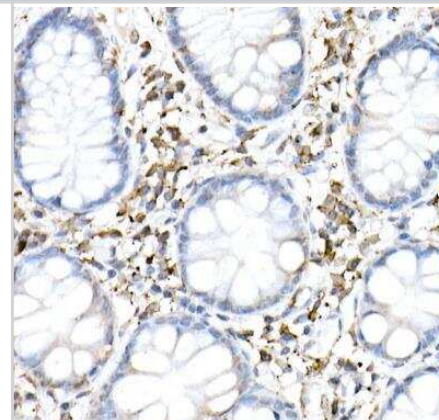
Host	Rabbit
Gene ID	115004
Gene Symbol	CGAS
Species	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 350-522 of human cGAS (NP_612450.2). KQLRLKPFYLVPKHAKENGFGQEETWRLSFSHIEKEILNNHGKSKTCCENKEE KCCRKDCLKLMKYLLLEQLKERFKDKKHLDFSSYHVKTAFHFVCTQNPQDSQ WDRKDLGLCFDNCVTFYFLQCLRTEKLENYFIPEFNLFSSNLIDKRSKEFLTKQIE YERNNEFPVFDEF

Product Application Details

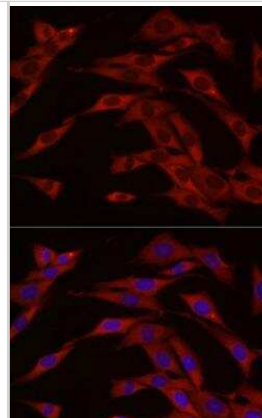
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500 - 1:1000, ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements., Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200

Images

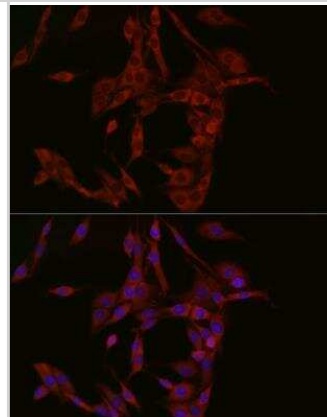
Immunohistochemistry-Paraffin: cGAS Antibody [NBP3-16666] - Human colon using cGAS Rabbit pAb at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



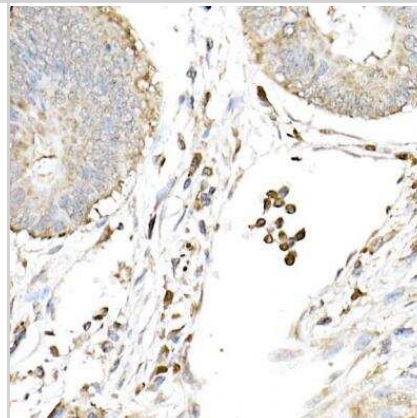
Immunocytochemistry/Immunofluorescence: cGAS Antibody [NBP3-16666] - Analysis of NIH/3T3 cells using cGAS Rabbit pAb at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



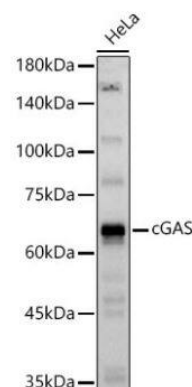
Immunocytochemistry/Immunofluorescence: cGAS Antibody [NBP3-16666] - Analysis of PC-12 cells using cGAS Rabbit pAb at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



Immunohistochemistry-Paraffin: cGAS Antibody [NBP3-16666] - Human colon carcinoma using cGAS Rabbit pAb at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Western Blot: cGAS Antibody [NBP3-16666] - analysis of lysates from HeLa cells using cGAS Rabbit pAb at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



Publications

Luo M, Hu Y, Lv D et al. Recurrent Hypoglycemia Impaired Vascular Function in Advanced T2DM Rats by Inducing Pyroptosis Oxidative medicine and cellular longevity Jul 23 2022 12:00AM [PMID: 35915611] (WB, Rat)

Details:

Dilution: 1:1000



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Products Related to NBP3-16666-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-86761PEP	cGAS Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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