

Rabbit anti-Human GGCT Polyclonal Antibody | anti-GGCT antibody

Anti-GGCT Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA257540	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

GGCT; Polyclonal Antibody; Anti-GGCT Antibody; Rabbit Polyclonal; GGCT Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-C7orf24 Antibody; Anti-CRF21 Antibody; Anti-GCTG Antibody; Anti-GGC Antibody; gamma-glutamylcyclotransferase; anti-GGCT antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human GGCT
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid. 0.2um filtered solution in PBS
Applicable Applications for anti-GGCT antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Immunogen	Recombinant Human GGCT protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human GGCT (rh GGCT; O75223-1; Met1-Leu188). GGCT specific IgG was purified by Human GGCT affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles. This antibody is shipped as liquid solution at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

IMAGES



WB (Western Blot)

Anti-GGCT rabbit polyclonal antibody at 1:500 dilution Lane A: 293 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG H&L (Dylight 800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 21 kDa Observed band size: 21 kDa (We are unsure as to the identity of these extra bands).



IP (Immunoprecipitation)

GGCT was immunoprecipitated using: Lane A: 0.5 mg 293T Whole Cell Lysate 2 uL anti-GGCT rabbit polyclonal antibody and 15 uL of 50 % Protein G agarose. Primary antibody: Anti-GGCT rabbit polyclonal antibody, at 1:100 dilution Secondary antibody: Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution Developed using the odyssey technique. Performed under reducing conditions. Predicted band size: 21 kDa Observed band size: 21 kDa

**IHC (Immunohistochemistry)**

Immunochemical staining of human GGCT in human corpus uteri with rabbit polyclonal antibody (1:10000, formalin-fixed paraffin embedded sections).

**IHC (Immunohistochemistry)**

Immunochemical staining of human GGCT in human hepatoma with rabbit polyclonal antibody (1:10000, formalin-fixed paraffin embedded sections).

**IHC (Immunohistochemistry)**

Immunochemical staining of human GGCT in human lung cancer with rabbit polyclonal antibody (1:10000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-GGCT antibody	Background: GGCT belongs to the gamma-glutamylcyclotransferase family. It catalyzes the formation of 5-oxoproline from gamma-glutamyl dipeptides, the penultimate step in glutathione catabolism. GGCT may play a significant role in glutathione homeostasis. GGCT also induces release of cytochrome c from mitochondria with resultant induction of apoptosis. Pseudogenes of GGCT gene are located on the long arm of chromosome 5 and the short arm of chromosomes 2 and 2. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
References	Wagner SA. et al., 2011, Mol Cell Proteomics. 10 (10): M111.013284. Kim W. et al., 2011, Mol Cell. 44 (2): 325-40. Amano T. et al., 2012, J Histochem Cytochem. 60 (1): 76-86.

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ggct-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/257540>