

## Rabbit anti-Human CG alpha Polyclonal Antibody | anti-CGA antibody

Anti-CG alpha Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                          |
|-----------|--------|------------|-------------------------------------------------------|
| AAA262547 | Rabbit | Human      | Immunocytochemistry, Immunofluorescence, Western Blot |

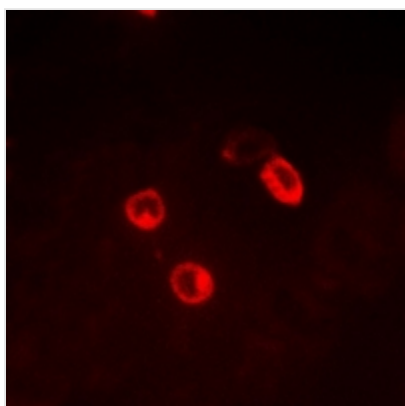
### PRODUCT SYNONYMS

CG alpha; Polyclonal Antibody; Anti-CG alpha Antibody; Glycoprotein hormones alpha chain; Anterior pituitary glycoprotein hormones common subunit alpha; Choriogonadotropin alpha chain; Chorionic gonadotrophin subunit alpha; CG-alpha; Follicle-stimulating hormone alpha chain; FSH-alpha; Folitropin alpha chain; Luteinizing hormone alpha chain; LSH-alpha; Lutropin alpha chain; Thyroid-stimulating hormone alpha chain; TSH-alpha; Thyrotropin alpha chain; anti-CGA antibody

### PRODUCT SPECIFICATIONS

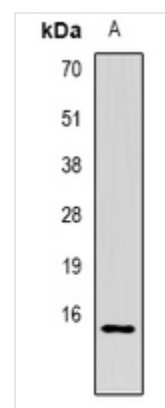
|                                               |                                                                                                                |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                         |
| Reactivity                                    | Human                                                                                                          |
| Clonality                                     | Polyclonal                                                                                                     |
| Specificity                                   | Recognizes endogenous levels of CG alpha protein.                                                              |
| Purity/Purification                           | The antibody was purified by immunogen affinity chromatography.                                                |
| Form/Format                                   | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.      |
| Sequence Length                               | 116                                                                                                            |
| Applicable Applications for anti-CGA antibody | ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)                                          |
| Immunogen                                     | Recombinant full length protein of human CG alpha                                                              |
| Preparation and Storage                       | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles. |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescent analysis of CG alpha staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



#### WB (Western Blot)

Western blot analysis of CG alpha expression in MCF7 (A) whole cell lysates.

ADDITIONAL INFORMATION

|                                                   |                                        |
|---------------------------------------------------|----------------------------------------|
| Related Product Information for anti-CGA antibody | Rabbit polyclonal antibody to CG alpha |
|---------------------------------------------------|----------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                             |
|----------------------------------|---------------------------------------------|
| NCBI GI #                        | 4502787                                     |
| NCBI GeneID                      | 1081                                        |
| NCBI Accession #                 | NP_000726.1                                 |
| NCBI GenBank Nucleotide #        | NM_000735.3                                 |
| UniProt Accession #              | P01215                                      |
| Molecular Weight                 | 13,075 Da                                   |
| NCBI Official Full Name          | glycoprotein hormones alpha chain isoform 2 |
| NCBI Official Synonym Full Names | glycoprotein hormones, alpha polypeptide    |
| NCBI Official Symbol             | CGA                                         |
| NCBI Official Synonym Symbols    | HCG; LHA; FSHA; GPHa; TSHA; GPHA1; CG-ALPHA |
| NCBI Protein Information         | glycoprotein hormones alpha chain           |
| UniProt Protein Name             | Glycoprotein hormones alpha chain           |
| UniProt Gene Name                | CGA                                         |
| UniProt Synonym Gene Names       | CG-alpha; FSH-alpha; LSH-alpha; TSH-alpha   |
| UniProt Entry Name               | GLHA_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/cg-alpha-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/262547>