

CGA / hCG Alpha Antibody
Goat Polyclonal Antibody
Catalog # ALS15557**Specification**

CGA / hCG Alpha Antibody - Product Information

Application	IHC-P, E
Primary Accession	P01215
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Calculated MW	13kDa KDa
Dilution	IHC-P~~N/A E~~N/A

CGA / hCG Alpha Antibody - Additional Information**Gene ID** 1081**Other Names**

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, Follicitropin alpha chain, Luteinizing hormone alpha chain, LSH-alpha, Lutropin alpha chain, Thyroid-stimulating hormone alpha chain, TSH-alpha, Thyrotropin alpha chain, CGA

Target/Specificity

Recognizes human TSH (a), HCG (a), LH (a), and FSH (a).

Reconstitution & Storage

May be stored at 4°C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20°C. Aliquots are stable for at least 12 months.

Precautions

CGA / hCG Alpha Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

CGA / hCG Alpha Antibody - Protein Information**Name** CGA**Function**

Shared alpha chain of the active heterodimeric glycoprotein hormones thyrotropin/thyroid stimulating hormone/TSH, lutropin/luteinizing hormone/LH, follitropin/follicle stimulating hormone/FSH and choriogonadotropin/CG. These hormones bind specific receptors on target cells that in turn activate downstream signaling pathways.

Cellular Location

Secreted

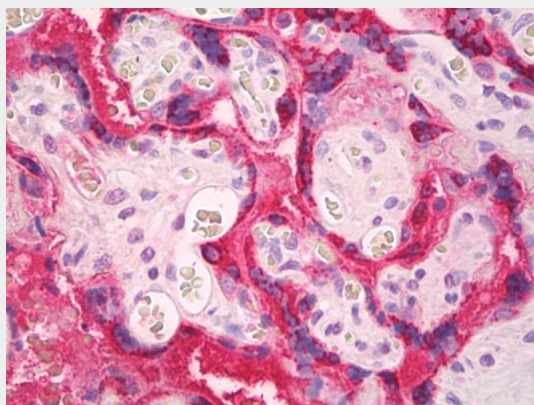
Volume
125 µl

CGA / hCG Alpha Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CGA / hCG Alpha Antibody - Images



Anti-CGA / hCG antibody IHC staining of human placenta.

CGA / hCG Alpha Antibody - References

- Fiddes J.C., et al. Nature 281:351-356(1979).
Miyoshi I., et al. Nippon Rinsho 52:940-947(1994).
Fiddes J.C., et al. J. Mol. Appl. Genet. 1:3-18(1981).
Birken S., et al. J. Biol. Chem. 256:1816-1823(1981).
Sairam M.R., et al. Can. J. Biochem. 55:755-760(1977).