

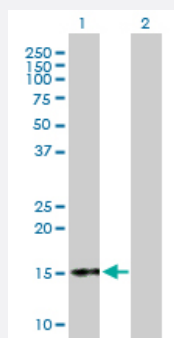
MaxPab®

CGA purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00001081-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CGA expression in transfected 293T cell line ([H00001081-T03](#)) by CGA MaxPab polyclonal antibody.

Lane 1: CGA transfected lysate(13.10 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CGA protein.
Immunogen	CGA (NP_000726.1, 1 a.a. ~ 116 a.a) full-length human protein.
Sequence	MDYYRKYAAIFLVTLVFLHVLHSAPDVQDCPECTLQENPFFSQPGAPILQCMGCCFSRAYPTPLRSKKTMLVQKNVTSESTCCVAKSYNRVTVMGGFKVENHTACHCSTCYHKS
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (73); Rat (71)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — CGA

Entrez GeneID [1081](#)

GeneBank Accession# [NM_000735](#)

Protein Accession# [NP_000726.1](#)

Gene Name CGA

Gene Alias CG-ALPHA, FSHA, GPHA1, GPHa, HCG, LHA, TSHA

Gene Description glycoprotein hormones, alpha polypeptide

Omim ID [118850](#)

Gene Ontology [Hyperlink](#)

Gene Summary The four human glycoprotein hormones chorionic gonadotropin (CG), luteinizing hormone (LH), follicle stimulating hormone (FSH), and thyroid stimulating hormone (TSH) are dimers consisting of an alpha and beta subunits that are associated noncovalently. The alpha subunits of these hormones are identical, however, their beta chains are unique and confer biological specificity. The protein encoded by this gene is the alpha subunit and belongs to the glycoprotein hormones alpha chain family. [provided by RefSeq]

Other Designations OTTHUMP00000016825|chorionic gonadotropin, alpha polypeptide|follicle-stimulating hormone alpha subunit

Pathway

- [Autoimmune thyroid disease](#)
- [GnRH signaling pathway](#)

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Asperger Syndrome](#)
- [Autistic Disorder](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Pulmonary Disease](#)
- [Social Perception](#)
- [Thrombophilia](#)
- [Thyroid Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)