

Rabbit anti-Human FSH-alpha Polyclonal Antibody | anti-FSH-alpha antibody

FSH-alpha Antibody (C-term)

CATALOG # AAA288623	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

FSH-alpha; Polyclonal Antibody; FSH-alpha Antibody (C-term); 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; Folitropin alpha chain; Luteinizing hormone alpha chain; LSH-alpha; Lutropin alpha chain; Thyroid-stimulating hormone alpha chain; TSH-alpha; Thyrotropin alpha chain; CGA; anti-FSH-alpha antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This TSH-alpha antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 74-103 amino acids from the C-terminal region of human TSH-alpha.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	74-103
Sequence Length	116
Applicable Applications for anti-FSH-alpha antibody	ELISA, WB (Western Blot)
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
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

TSH-alpha Antibody (C-term) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the TSH-alpha antibody detected the TSH-alpha protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-FSH-alpha antibody	The four human glycoprotein hormones chorionic gonadotropin (CG), luteinizing hormone (LH), follicle stimulating hormone (FSH), and thyroid stimulating hormone (TSH) are dimers consisting of 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.
Product Categories/Family for anti-FSH-alpha antibody	Cancer ; Developmental Biology ; Metabolism ; Neuroscience ; Signal Transduction
References	Canzian, F., et al. Hum. Mol. Genet. 19(19):3873-3884(2010) Panicker, V., et al. Am. J. Hum. Genet. 87(3):430-435(2010) Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Robinson, N., et al. Clin. Lab. 56 (5-6), 197-206 (2010) : Bjerner, J., et al. Scand. J. Clin. Lab. Invest. 69(8):873-879(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502787
NCBI GeneID	1081
NCBI Accession #	NP_000726.1 ; NP_001239312.1
NCBI GenBank Nucleotide #	NM_000735.3
UniProt Accession #	P01215
Molecular Weight	13075
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://stage.aaabiotech.com/polyclonal/fsh-alpha-antibody-western-blot-elisa/288623>