

**TSH-alpha Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP11925b****Specification**

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**TSH-alpha Antibody (C-term) Blocking peptide - Product Information**Primary Accession [P01215](#)**TSH-alpha Antibody (C-term) Blocking peptide - 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, Follitropin alpha chain, Luteinizing hormone alpha chain, LSH-alpha, Lutropin alpha chain, Thyroid-stimulating hormone alpha chain, TSH-alpha, Thyrotropin alpha chain, CGA

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**TSH-alpha Antibody (C-term) Blocking peptide - 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

**TSH-alpha Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

### **TSH-alpha Antibody (C-term) Blocking peptide - Images**

### **TSH-alpha Antibody (C-term) Blocking peptide - Background**

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.

### **TSH-alpha Antibody (C-term) Blocking peptide - 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)