10320 Camino Santa Fe, Suite G
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GPHA2 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP16841b

Specification

GPHA2 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q96T91

GPHA2 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 170589

Other Names
Glycoprotein hormone alpha-2, Putative secreted protein Zsig51, Thyrostimulin subunit alpha, GPHA2, GPA2, ZSIG51

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.

GPHA2 Antibody (C-term) Blocking Peptide - Protein Information

Name GPHA2

Synonyms GPA2, ZSIG51

Function
Functions as a heterodimeric glycoprotein hormone with GPHB5 able to bind and activate the thyroid-stimulating hormone receptor (TSHR), leading to increased cAMP production (PubMed:12045258). Plays a central role in controlling thyroid cell metabolism (PubMed:12045258).

Cellular Location
Secreted.

Tissue Location
Found in a variety of tissues.

GPHA2 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

GPHA2 Antibody (C-term) Blocking Peptide - Images

GPHA2 Antibody (C-term) Blocking Peptide - Background

GPHA2 is a cystine knot-forming polypeptide and a subunitof the dimeric glycoprotein hormone family (Hsu et al., 2002[PubMed 12089349]).

GPHA2 Antibody (C-term) Blocking Peptide - References

Okajima, Y., et al. Regul. Pept. 148 (1-3), 62-67 (2008) :Suzuki, C., et al. Regul. Pept. 142 (1-2), 60-67 (2007) :Breous, E., et al. Mol. Cell. Endocrinol. 245 (1-2), 169-180 (2005) :Sudo, S., et al. Endocrinology 146(8):3596-3604(2005)Hsu, S.Y., et al. Mol. Endocrinol. 16(7):1538-1551(2002)