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GUCY1A3 (C-term) Blocking peptide
Synthetic peptide
Catalog # BP7134b

Specification

GUCY1A3 (C-term) Blocking peptide - Product Information

Primary Accession Q02108

GUCY1A3 (C-term) Blocking peptide - Additional Information

Gene ID 2982

Other Names
Guanylate cyclase soluble subunit alpha-3, GCS-alpha-3, GCS-alpha-1, Soluble guanylate cyclase large subunit, GUCY1A3, GUC1A3, GUCSA3, GUCY1A1

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP7134b was selected from the C-term region of human GUCY1A3. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

GUCY1A3 (C-term) Blocking peptide - Protein Information

Name GUCY1A1 (HGNC:4685)

Cellular Location
Cytoplasm.

Tissue Location
Detected in brain cortex and lung (at protein level).

GUCY1A3 (C-term) Blocking peptide - Protocols

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

- Blocking Peptides

GUCY1A3 (C-term) Blocking peptide - Images

GUCY1A3 (C-term) Blocking peptide - Background

Soluble guanylate cyclase (sGC), a heterodimeric protein consisting of an alpha and a beta subunit, catalyzes the conversion of GTP to the second messenger cGMP and functions as the main receptor for nitric oxide and nitrovasodilator drugs.

GUCY1A3 (C-term) Blocking peptide - References

Saino, M., et al., Oncol. Rep. 12(1):47-52 (2004).Zhou, Y., et al., Gene 245(2):319-328 (2000).Papapetropoulos, A., et al., J. Cell. Physiol. 167(2):213-221 (1996).Giuili, G., et al., Hum. Genet. 91(3):257-260 (1993).Giuili, G., et al., FEBS Lett. 304(1):83-88 (1992).