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GCH1 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP5839a

Specification

GCH1 Antibody (N-term) Blocking peptide - Product Information

Primary Accession	P30793
Other Accession	NP_000152.1, NP_001019195.1, NP_001019242.1, NP_001019241.1

GCH1 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 2643

Other Names
GTP cyclohydrolase 1, GTP cyclohydrolase I, GTP-CH-I, GCH1, DYT5, GCH

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.

GCH1 Antibody (N-term) Blocking peptide - Protein Information

Name GCH1

Synonyms DYT5, GCH

Function
Positively regulates nitric oxide synthesis in umbilical vein endothelial cells (HUVECs). May be involved in dopamine synthesis. May modify pain sensitivity and persistence. Isoform GCH-1 is the functional enzyme, the potential function of the enzymatically inactive isoforms remains unknown.

Cellular Location
Cytoplasm. Nucleus

Tissue Location
In epidermis, expressed predominantly in basal undifferentiated keratinocytes and in some but not all melanocytes (at protein level).

GCH1 Antibody (N-term) Blocking peptide - Protocols

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

- Blocking Peptides

GCH1 Antibody (N-term) Blocking peptide - Images