

SCLY Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP17849a**Specification**

SCLY Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q96I15](#)**SCLY Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 51540**Other Names**

Selenocysteine lyase, hSCL, SCLY, SCL

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.

SCLY Antibody (N-term) Blocking Peptide - Protein Information**Name** SCLY**Synonyms** SCL**Function**

Catalyzes the decomposition of L-selenocysteine to L-alanine and elemental selenium.

Cellular Location

Cytoplasm, cytosol {ECO:0000250|UniProtKB:Q9JLI6}

SCLY Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

SCLY Antibody (N-term) Blocking Peptide - Images**SCLY Antibody (N-term) Blocking Peptide - Background**

Selenocysteine lyase (SCLY; EC 4.4.1.16) catalyzes the pyridoxal 5-prime phosphate-dependent conversion of L-selenocysteine to L-alanine and elemental selenium (Mihara et al., 2000 [PubMed 10692412]).

SCLY Antibody (N-term) Blocking Peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) ; Yepes, J.O., et al. Biomedica 26(2):194-205(2006) Mihara, H., et al. J. Biol. Chem. 275(9):6195-6200(2000) Daher, R., et al. J Trace Elem Electrolytes Health Dis 6(3):189-194(1992) Esaki, N., et al. J. Biol. Chem. 257(8):4386-4391(1982)