

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

**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)

**SCLY Antibody (N-term) Blocking Peptide -
Protocols**

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

- [Blocking Peptides](#)