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SCLY Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17849a

Specification

SCLY Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	Q96I15
Other Accession	NP_057594.3
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**48149**
Antigen Region	**8-36**

SCLY Antibody (N-term) - Additional Information

Gene ID 51540

Other Names
Selenocysteine lyase, hSCL, SCLY, SCL

Target/Specificity
This SCLY antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 8-36 amino acids from the N-terminal region of human SCLY.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
SCLY Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

SCLY Antibody (N-term) - Protein Information

Name SCLY

Synonyms SCL

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

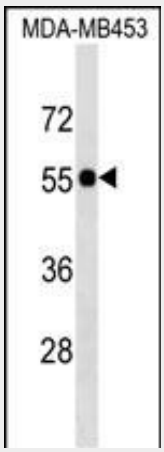
Cellular Location
Cytoplasm, cytosol {ECO:0000250|UniProtKB:Q9JLI6}

SCLY Antibody (N-term) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SCLY Antibody (N-term) - Images



SCLY Antibody (N-term) (Cat. #AP17849a) western blot analysis in MDA-MB453 cell line lysates (35ug/lane).This demonstrates the SCLY antibody detected the SCLY protein (arrow).

SCLY Antibody (N-term) - 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) - 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)