

## Anti-Selenocysteine lyase SCLY Antibody Picoband® Biotin Conjugated

Catalog Number: PA1995-Biotin

### About SCLY

SCLY (Selenocysteine Lyase), is an enzyme that catalyzes the chemical reaction. This enzyme belongs to the family of lyases, specifically the class of carbon-sulfur lyases. The International Radiation Hybrid Mapping Consortium mapped the human SCLY gene to chromosome 2. Mihara et al. (2000) showed that mouse Scly catalyzed the conversion of L-selenocysteine to L-alanine. Scly activity required pyridoxal 5-prime phosphate, was specific to L-selenocysteine, and showed maximum reactivity at pH 9.0.

### Overview

Product Name	Anti-Selenocysteine lyase SCLY Antibody Picoband® Biotin Conjugated
Reactive Species	Human
Application	WB, IHC, ELISA
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q96115

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human SCLY.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Biotin
Suggested Dilutions	Western blot, Optimal dilutions should be determined by end users. Immunohistochemistry (Paraffin-embedded Section), Optimal dilutions should be determined by end users. ELISA, Optimal dilutions should be determined by end users.

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