

Anti-Selenocysteine lyase SCLY Antibody Picoband®

Catalog Number: PA1995

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®
Reactive Species	Human
Description	Boster Bio Anti-Selenocysteine lyase SCLY Antibody catalog # PA1995. Tested in WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	WB
Clonality	Polyclonal
Formulation	Each vial contains antibody formulated with stabilizing components, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ . *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q96I15

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human SCLY.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG

Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.1-0.5ug/ml, Human

Anti-Selenocysteine lyase SCLY Antibody Picoband® (PA1995) Images



Anti-SCLY antibody, PA1995, Western blotting
Lane 1: U87 Cell Lysate
Lane 2: HELA Cell Lysate
Lane 3: 293T Cell Lysate
Lane 4: MCF-7 Cell Lysate
Lane 5: COLO320 Cell Lysate
Lane 6: HE1080 Cell Lysate

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