

## Anti-SDS Antibody Picoband® Biotin Conjugated

Catalog Number: A02273-1-Biotin

### About SDS

Serine dehydratase or L-serine ammonia lyase (SDH) is in the beta-family of pyridoxal phosphate-dependent (PLP) enzymes. This gene encodes one of three enzymes that are involved in metabolizing serine and glycine. L-serine dehydratase converts L-serine to pyruvate and ammonia and requires pyridoxal phosphate as a cofactor. The encoded protein can also metabolize threonine to  $\text{NH}_4^+$  and 2-ketobutyrate. The encoded protein is found predominantly in the liver.

### Overview

Product Name	Anti-SDS Antibody Picoband® Biotin Conjugated
Reactive Species	Human, Mouse, Rat
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% $\text{Na}_2\text{HPO}_4$ , 0.02% $\text{NaN}_3$ .
Storage Instructions	At $-20^\circ\text{C}$ for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P20132

### Technical Details

Immunogen	E.coli-derived human SDS recombinant protein (Position: M1-K328).
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	The intended application should be selected according to the customer's experimental requirements.

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### Anti-SDS Antibody - Biotin

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