

## Anti-SEC31A Antibody Picoband® HRP Conjugated

Catalog Number: A04582-HRP

### About SEC31A

Protein transport protein Sec31A is a protein that in humans is encoded by the SEC31A gene. The protein encoded by this gene shares similarity with the yeast Sec31 protein, and is a component of the outer layer of the coat protein complex II (COPII). The encoded protein is involved in vesicle budding from the endoplasmic reticulum (ER) and contains multiple WD repeats near the N-terminus and a proline-rich region in the C-terminal half. It associates with the protein encoded by the SEC13 homolog, nuclear pore and COPII coat complex component (SEC13), and is required for ER-Golgi transport. Monoubiquitylation of this protein by CUL3-KLHL12 was found to regulate the size of COPII coats to accommodate unusually shaped cargo. Alternative splicing results in multiple transcript variants encoding different isoforms.

### Overview

|                      |   |
|----------------------|---|
| Product Name         | Anti-SEC31A Antibody Picoband® HRP Conjugated                                       |
| Reactive Species     | Human, Mouse, Rat   |
| Clonality            | Polyclonal  |
| Formulation          | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> . |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.    |
| Host                 | Rabbit  |
| Uniprot ID           | O94979  |

### Technical Details

|                     |  |
|---------------------|--|
| Immunogen           | E.coli-derived human SEC31A recombinant protein (Position: Y101-K806).                             |
| Cross Reactivity    | No cross-reactivity with other proteins.   |
| Isotype             | Rabbit IgG   |
| Form                | Liquid   |
| Concentration       | 0.5 mg/mL  |
| Purification        | Immunogen affinity purified.   |
| Conjugate           | HRP  |
| Suggested Dilutions | The intended application should be selected according to the customer's experimental requirements. |

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