

Datasheet for ABIN5539459  
**anti-ERO1L antibody (AA 105-118)**[Go to Product page](#)

## 2 Images

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µg   |
| Target:              | ERO1L  |
| Binding Specificity: | AA 105-118   |
| Reactivity:          | Human  |
| Host:                | Goat   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This ERO1L antibody is un-conjugated                     |
| Application:         | Western Blotting (WB), ELISA, Immunohistochemistry (IHC) |

## Product Details

|                   |   |
|-------------------|---|
| Purpose:          | ERO1-like (aa105-118)   |
| Sequence:         | QSDEVPDGIK SASY   |
| Isotype:          | IgG   |
| Cross-Reactivity: | Cow, Dog, Human, Mouse, Pig, Rat  |
| Purification:     | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Grade:            | Verified  |

## Target Details

|         |       |
|---------|-------|
| Target: | ERO1L |
|---------|-------|

## Target Details

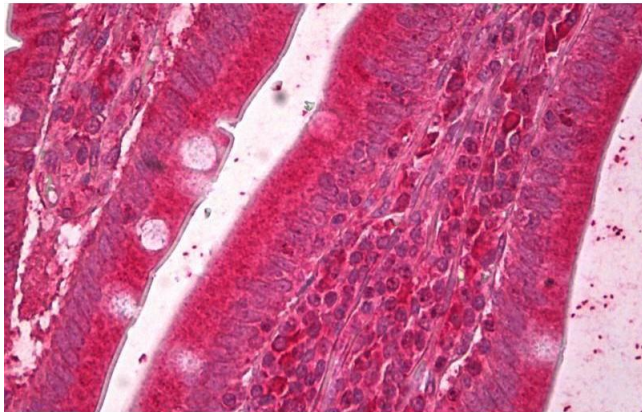
|                   |  |
|-------------------|--|
| Alternative Name: | ERO1L ( <a href="#">ERO1L Products</a> )   |
| Background:       | ERO1L, ERO1-like (S. cerevisiae), ERO1-alpha, ERO1-L, ERO1-L-alpha, ERO1-like protein alpha, endoplasmic oxidoreductin-1-like protein, oxidoreductin-1-L-alpha |
| Gene ID:          | 30001  |
| NCBI Accession:   | <a href="#">NP_055399</a>  |
| Pathways:         | <a href="#">Peptide Hormone Metabolism</a> , <a href="#">ER-Nucleus Signaling</a> , <a href="#">Brown Fat Cell Differentiation</a>                             |

## Application Details

|                    |  |
|--------------------|--|
| Application Notes: | Immunohistochemistry: Paraffin embedded Human Small Intestine. Recommended concentration: 5 µg/mL.<br><br>Western Blot: Approx 70 kDa band observed in lysates of cell lines A431, HeLa, Jurkat (calculated MW of 54.4 kDa according to NP_055399.1). The observed molecular weight corresponds to the glycosylated form. Recommended concentration: 0.1-0.3 µg/mL. Primary<br><br>Peptide ELISA: antibody detection limit dilution 1:32000. |
| Comment:           | <b>Additional validation:</b> This antibody has been successfully used in the following paper: Sikorski et al. (2018) PMID: 30377371.  |
| Restrictions:      | For Research Use only  |

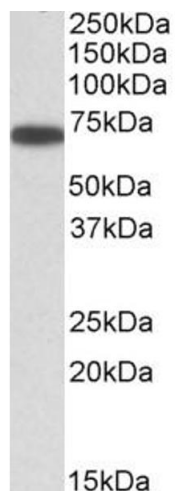
## Handling

|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Concentration:     | 0.5 mg/mL  |
| Buffer:            | Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.   |
| Preservative:      | Sodium azide   |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                         |
| Handling Advice:   | Minimize freezing and thawing.   |
| Storage:           | -20 °C   |
| Storage Comment:   | Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable. |



#### Immunohistochemistry

**Image 1.** ABIN5539459 (5µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



#### Western Blotting

**Image 2.** ABIN5539459 (0.3µg/ml) staining of A431 lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.