



Anti-ERLIN1 (C-terminal) polyclonal antibody (CABT-B1740)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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|---------------------------|---|
| Immunogen | Linear peptide corresponding to the C-terminus of rat ERLIN1/SPFH1. |
| Isotype | IgG |
| Source/Host | Rabbit |
| Species Reactivity | Mouse, Rat |
| Purification | Affinity |
| Conjugate | Unconjugated |
| Applications | WB, IP, ICC |
| Epitope | C-terminus |
| Molecular Weight | ~43 kDa observed |
| Format | Liquid |
| Concentration | Please refer to lot specific datasheet. |
| Size | 200 µl |
| Buffer | 155 mM NaCl, 50 mM Tris-HCl pH 7.4, with 0.05% sodium azide and 10% glycerol. |
| Preservative | 0.05% Sodium Azide |
| Storage | Stable for 1 year at 2-8°C from date of receipt. Note: Variability in freezer temperatures below -20°C may cause glycerol containing solutions to become frozen during storage. |

BACKGROUND

Introduction

ER lipid raft associated 1 (UniProt B1WBY7; also known as Protein Erlin1, SPFH domain family, member 1) is encoded by the Erlin1 (also known as RGD1307058 or Spfh1_predicted) gene in rat (Entrez Gene ID 293939; ORF rCG_57742). Erlin1 (Spfh1) and the highly homologous Erlin2 (Spfh2) are ER proteins that hetero-oligomerize into a large complex of ~2 MDa. The erlin1/2 complex associates with inositol 1,4,5-trisphosphate (IP(3)) receptors on ER membrane and is responsible for recruiting RNF170 upon IP(3) receptor activation for subsequent ubiquitination-dependent receptor downregulation.

GENE INFORMATION

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| Entrez Gene ID | 293939 |
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| UniProt ID | B1WBY7 |
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