

## Rabbit ERLIN1 Polyclonal Antibody | anti-ERLIN1 antibody

ERLIN1 Antibody (Center)

| CATALOG # | HOST   | REACTIVITY                          | APPLICATIONS                              |
|-----------|--------|-------------------------------------|-------------------------------------------|
| AAA284668 | Rabbit | Human (Predicted Reactivity: Mouse) | Immunohistochemistry, ELISA, Western Blot |

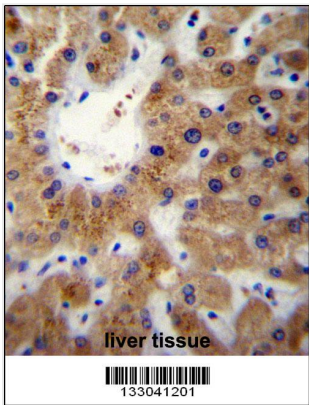
### PRODUCT SYNONYMS

ERLIN1; Polyclonal Antibody; ERLIN1 Antibody (Center); Erlin-1; Endoplasmic reticulum lipid raft-associated protein 1; Protein KE04; Stomatin-prohibitin-flotillin-HflC/K domain-containing protein 1; SPFH domain-containing protein 1; C10orf69; KE04; KEO4; SPFH1; anti-ERLIN1 antibody

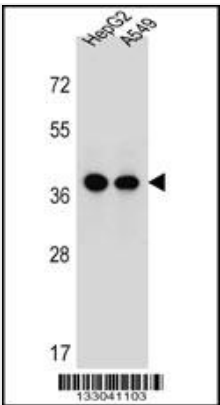
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                              |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                       |
| Reactivity                                       | Human (Predicted Reactivity: Mouse)                                                                                                                                          |
| Clonality                                        | Polyclonal                                                                                                                                                                   |
| Isotype                                          | Rabbit Ig                                                                                                                                                                    |
| Specificity                                      | This ERLIN1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 244-273 amino acids from the Central region of human ERLIN1.        |
| Purity/Purification                              | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                   |
| Form/Format                                      | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Concentration                                    | Vial Concentration: 0.5 (varies by lot)                                                                                                                                      |
| Sequence Positions                               | 244-273                                                                                                                                                                      |
| Sequence Length                                  | 348                                                                                                                                                                          |
| Applicable Applications for anti-ERLIN1 antibody | IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                                                                         |
| Antigen Type                                     | Synthetic Peptide                                                                                                                                                            |
| Antigen Source                                   | HUMAN                                                                                                                                                                        |
| Preparation and Storage                          | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |

IMAGES



**IHC (Immunohiostchemistry)**  
ERLIN1 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of ERLIN1 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



**WB (Western Blot)**  
ERLIN1 Antibody (Center) western blot analysis in HepG2,A549 cell line lysates (35ug/lane).This demonstrates the ERLIN1 antibody detected the ERLIN1 protein (arrow).

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                           |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ERLIN1 antibody | Component of the ERLIN1/ERLIN2 complex which mediates the endoplasmic reticulum-associated degradation (ERAD) of inositol 1,4,5-trisphosphate receptors (IP3Rs).                                                                                                                                                          |
| References                                           | Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :<br>Martins-de-Souza, D., et al. J Psychiatr Res (2010) In press :<br>Wang, Y., et al. Biochim. Biophys. Acta 1793(11):1710-1718(2009)<br>Pearce, M.M., et al. J. Biol. Chem. 284(16):10433-10445(2009)<br>Yuan, X., et al. Am. J. Hum. Genet. 83(4):520-528(2008) |

NCBI AND UNIPROT INFORMATION

|                                  |                                                               |
|----------------------------------|---------------------------------------------------------------|
| NCBI GI #                        | 154800489                                                     |
| NCBI GeneID                      | 10613                                                         |
| NCBI Accession #                 | NP_001094096.1; NP_006450.2                                   |
| NCBI GenBank Nucleotide #        | NM_001100626.1                                                |
| UniProt Accession #              | O75477; Q53HV0; B0QZ42                                        |
| Molecular Weight                 | 38926                                                         |
| NCBI Official Full Name          | erlin-1                                                       |
| NCBI Official Synonym Full Names | ER lipid raft associated 1                                    |
| NCBI Official Symbol             | ERLIN1                                                        |
| NCBI Official Synonym Symbols    | KE04; KEO4; SPFH1; SPG62; Erlin-1; C10orf69                   |
| NCBI Protein Information         | erlin-1                                                       |
| UniProt Protein Name             | Erlin-1                                                       |
| UniProt Gene Name                | ERLIN1                                                        |
| UniProt Synonym Gene Names       | C10orf69; KE04; KEO4; SPFH1; SPFH domain-containing protein 1 |
| UniProt Entry Name               | ERLIN1_HUMAN                                                  |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/erlin1-antibody-immunohistochemistry-western-blot-elisa/284668>