

Rabbit ERLIN1/2 Polyclonal Antibody | anti-ERLIN1/2 antibody

ERLIN1/2 Polyclonal Antibody

CATALOG # AAA173834	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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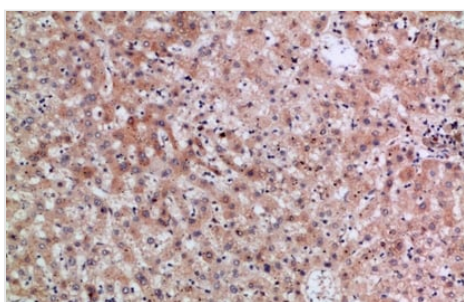
PRODUCT SYNONYMS

ERLIN1/2; Polyclonal Antibody; ERLIN1/2 Polyclonal Antibody; anti-ERLIN1/2 antibody

PRODUCT SPECIFICATIONS

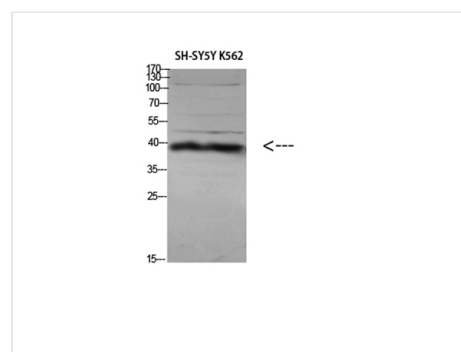
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/mL (varies by lot)
Sequence Length	348
Applicable Applications for anti-ERLIN1/2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthesized peptide derived from ERLIN1/2
Buffer	PBS with 0.02% sodium azide, 0.5% BSA and 50% glycerol pH 7.4.
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



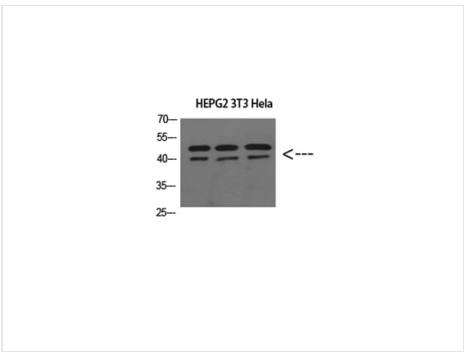
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver tissue using ERLIN1/2 Polyclonal Antibody at dilution of 1:200.



WB (Western Blot)

Western Blot analysis of various cells using ERLIN1/2 Polyclonal Antibody at dilution of 1:1000.



WB (Western Blot)
Western Blot analysis of HepG2, 3T3, HeLa cells using ERLIN1/2 Polyclonal Antibody at dilution of 1:800.

ADDITIONAL INFORMATION

Related Product Information for anti-ERLIN1/2 antibody	ERLIN1 (ER Lipid Raft Associated 1) is a Protein Coding gene. Diseases associated with ERLIN1 include Hereditary Spastic Paraplegia 62 and Spastic Paraplegia 62. Among its related pathways are Transport of glucose and other sugars, bile salts and organic acids, metal ions and amine compounds and CDK-mediated phosphorylation and removal of Cdc6. An important paralog of this gene is ERLIN2.The protein encoded by this gene is part of a protein complex that mediates degradation of inositol 1, 4, 5-trisphosphate receptors in the endoplasmic reticulum. The encoded protein also binds cholesterol and regulates the SREBP signaling pathway, which promotes cellular cholesterol homeostasis. Defects in this gene have been associated with spastic paraplegia 62. ERLIN2 (ER Lipid Raft Associated 2) is a Protein Coding gene. Diseases associated with ERLIN2 include Spastic Paraplegia 18, Autosomal Recessive and Recessive Intellectual Disability-Motor Dysfunction-Multiple Joint Contractures Syndrome. Among its related pathways are Transport of glucose and other sugars, bile salts and organic acids, metal ions and amine compounds and FGFR1 mutant receptor activation. An important paralog of this gene is ERLIN1.This gene encodes a member of the SPFH domain-containing family of lipid raft-associated proteins. The encoded protein is localized to lipid rafts of the endoplasmic reticulum and plays a critical role in inositol 1, 4, 5-trisphosphate (IP3) signaling by mediating ER-associated degradation of activated IP3 receptors. Mutations in this gene are a cause of spastic paraplegia-18 (SPG18). Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	154800489
NCBI GeneID	10613
NCBI Accession #	NP_001094096.1
NCBI GenBank Nucleotide #	NM_001100626.1
UniProt Accession #	O75477; Q53HV0; B0QZ42
Molecular Weight	40+42kDa
NCBI Official Full Name	erlin-1 isoform a
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

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/erlin1-2-antibody-immunohistochemistry-western-blot-elisa/173834>