

Rabbit ERLIN1 Polyclonal Antibody | anti-ERLIN1 antibody

ERLIN1 Antibody

CATALOG # AAA328844	HOST Rabbit	REACTIVITY Human, Mouse, RatPredicted: Pig, Horse, Rabbit, Dog	APPLICATIONS Western Blot
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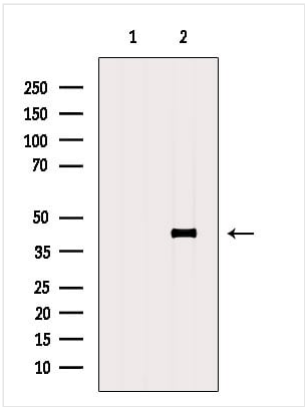
PRODUCT SYNONYMS

ERLIN1; Polyclonal Antibody; ERLIN1 Antibody; Band 7 23-211 Keo4 (Interim) similar to C.elegans protein; C10orf69; chromosome 10 open reading frame 69; Endoplasmic reticulum lipid raft-associated protein 1; ER lipid raft associated 1; Erlin 1; Erlin-1; ERLN1_HUMAN; KE04; KEO4; OTTHUMP00000059425; Protein KE04; SPFH domain containing protein 1; SPFH domain family; member 1; SPFH domain-containing protein 1; SPFH1; SPG62; Stomatin-prohibitin-flotillin-HflC/K domain containing protein 1; Stomatin-prohibitin-flotillin-HflC/K domain-containing protein 1; anti-ERLIN1 antibody

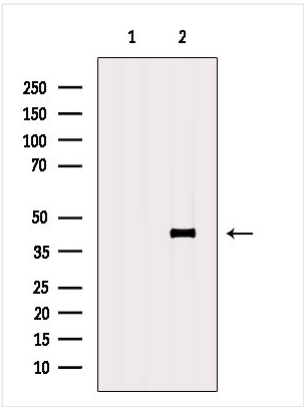
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Horse, Rabbit, Dog
Clonality	Polyclonal
Isotype	IgG
Specificity	ERLIN1 Antibody detects endogenous levels of ERLIN1.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	348
Applicable Applications for anti-ERLIN1 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human ERLIN1.
Tissue Specificity	Expressed in heart, placenta, liver, kidney, pancreas, prostate, testis, ovary and small intestine.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Endoplasmic Reticulum
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from HeLa, using ERLIN1 Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from COLO 320 cells, using ERLIN1 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-ERLIN1 antibody	Description: Component of the ERLIN1/ERLIN2 complex which mediates the endoplasmic reticulum-associated degradation (ERAD) of inositol 1,4,5-trisphosphate receptors (IP3Rs). Involved in regulation of cellular cholesterol homeostasis by regulation the SREBP signaling pathway. Binds cholesterol and may promote ER retention of the SCAP-SREBF complex (PubMed:24217618).
	Subunit Structure: Forms a heteromeric complex with ERLIN2 (PubMed:19240031). In complex with ERLIN2, interacts with RNF170 (PubMed:21610068). Interacts with AMFR and SYVN1 (PubMed:21343306).
	Similarity: Belongs to the band 7/mec-2 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	154800489
NCBI GeneID	10613
NCBI Accession #	NP_001094096
NCBI GenBank Nucleotide #	NP_001094096.1
UniProt Accession #	O75477
Molecular Weight	Observed: 39 kDa Predicted: 39 kDa
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
UniProt Entry Name	ERLN1_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-western-blot-elisa/328844>