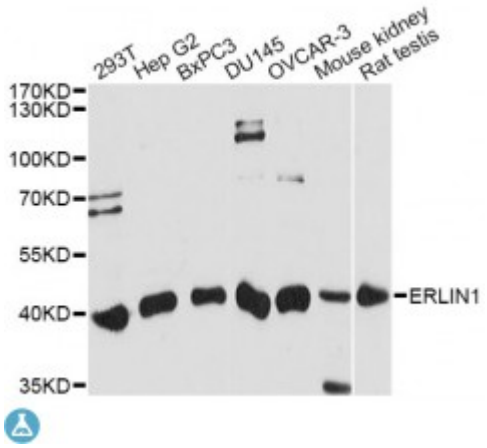
Anti-ERLIN1 Antibody



Description	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.
Model	STJ117043
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 259-348 of human ERLIN1 (NP_006450.2).
Gene ID	10613
Gene Symbol	ERLIN1
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Expressed in heart, placenta, liver, kidney, pancreas, prostate, testis, ovary and small intestine
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	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

Molecular Weight	38.926 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:16947OMIM:611604Reactome:R-HSA-382556
Alternative Names	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
Function	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 ,
Cellular Localization	Endoplasmic reticulum membrane,