

Anti-Erlin-2 Rabbit Monoclonal Antibody

Catalog # ABO16117

Product Information

Application	WB, IHC, IF, ICC
Primary Accession	O94905
Host	Rabbit
Isotype	IgG
Reactivity	Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-Erlin-2 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse.

Additional Information

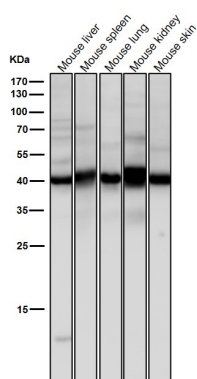
Gene ID	11160
Other Names	Erlin-2, Endoplasmic reticulum lipid raft-associated protein 2, Stomatin-prohibitin-flotillin-HflC/K domain-containing protein 2, SPFH domain-containing protein 2, ERLIN2, C8orf2, SPFH2
Calculated MW	37840
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names Immunogen	Clone: 26E96 A synthesized peptide derived from human Erlin-2
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

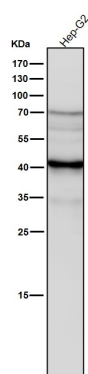
Name	ERLIN2
Synonyms	C8orf2, SPFH2

Function	Component of the ERLIN1/ERLIN2 complex which mediates the endoplasmic reticulum-associated degradation (ERAD) of inositol 1,4,5- trisphosphate receptors (IP3Rs) such as ITPR1 (PubMed: 17502376 , PubMed: 19240031). Promotes sterol-accelerated ERAD of HMGCR probably implicating an AMFR/gp78-containing ubiquitin ligase complex (PubMed: 21343306). Involved in regulation of cellular cholesterol homeostasis by regulation the SREBP signaling pathway. May promote ER retention of the SCAP-SREBF complex (PubMed: 24217618).
Cellular Location	Endoplasmic reticulum membrane; Single-pass type II membrane protein. Note=Associated with lipid raft-like domains of the endoplasmic reticulum membrane
Tissue Location	Ubiquitous..

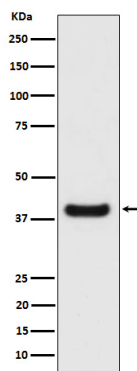
Images



All lanes use the Antibody at 1:5K dilution for 1 hour at room temperature.



All lanes use the Antibody at 1:5K dilution for 1 hour at room temperature.



Western blot analysis of Erlin-2 expression in HeLa cell lysate.