

ERLIN1/2 Polyclonal Antibody

Cat #: ABP57514

Size: 30µl /100µl /200µl

Product Information

	Product Name: ERLIN1/2 Polyclonal Antibody		
	Applications: WB, ELISA		Isotype: Rabbit IgG
	Reactivity: Human, Mouse, Rat		
REF	Catalog Number: ABP57514	LOT	Lot Number: Refer to product label
	Formulation: Liquid		Concentration: 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		Note: Contain sodium azide.

Background: Erlin-1 and erlin-2 (SPFH1 and SPFH2) are SPFH domain-containing proteins that belong to the prohibitin family. The N-terminal domain of erlin proteins contains ER-targeting sequences responsible for their translocation to the endoplasmic reticulum (ER). In the ER, erlin-1 and erlin-2 specifically associate with the detergent resistant lipid raft microdomain of the membrane. Erlin-1 may be involved in dendritic cell activation and erlin-2 has been shown to regulate the ER-associated degradation (ERAD) pathway by interacting with endogenous substrates and resulting in their polyubiquitination and degradation.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), ELISA (1:10000-1:20000).

Storage Buffer: PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

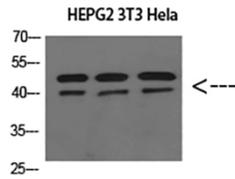


Fig.1. Western Blot analysis of HEPG2 3T3 HeLa cells using ERLIN1/2 Polyclonal Antibody diluted at 1:800. Secondary antibody (catalog#: A21020) was diluted at 1:20000.

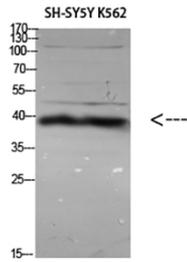


Fig.2. Western Blot analysis of various cells using Antibody diluted at 1:1000. Secondary antibody (catalog#: A21020) was diluted at 1:20000.

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