

ERLIN1 Rabbit pAb

Catalog NO.: A14843

Basic Information

Observed MW

39kDa

Calculated MW

39kDa

Category

Polyclonal Antibodies

Applications

WB, IHC-P, IP, ELISA

Cross-Reactivity

Human, Mouse, Rat

Conjugation

Unconjugated

Background

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.

Recommended Dilutions

WB 1:500 - 1:2000

IHC-P 1:50 - 1:200

IP

0.5µg-4µg antibody for 200µg-400µg extracts of whole cells

ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

10613

Swiss Prot

O75477

Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms

KE04; KEO4; SPFH1; SPG62; Erlin-1; C10orf69; ERLIN1

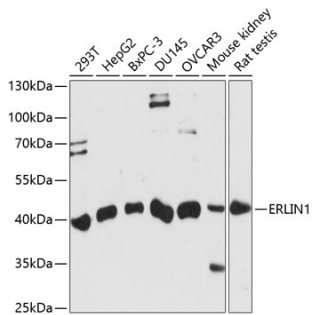
Contact

Product Information

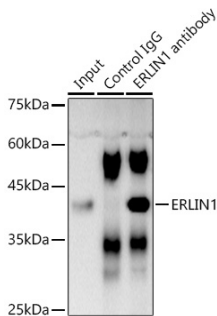
☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at -20°C. Avoid freeze / thaw cycles.		
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.		

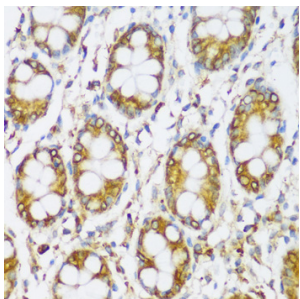
Validation Data



Western blot analysis of various lysates using ERLIN1 Rabbit pAb (A14843) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



Immunoprecipitation analysis of 300 µg extracts of DU145 cells using 3 µg ERLIN1 antibody (A14843). Western blot was performed from the immunoprecipitate using ERLIN1 antibody (A14843) at a dilution of 1:1000.



Immunohistochemistry analysis of paraffin-embedded Human colon using ERLIN1 Rabbit pAb (A14843) at dilution of 1:100 (40x lens). Microwave antigen retrieval

performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.