

ERLIN1 Rabbit pAb

Catalog No.: A14843

Basic Information

Observed MW

39kDa

Calculated MW

39kDa

Category

Primary antibody

Applications

WB, IHC-P, IP, ELISA

Cross-Reactivity

Human, Mouse, Rat

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

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Product Information

Source

Rabbit

Isotype

IgG

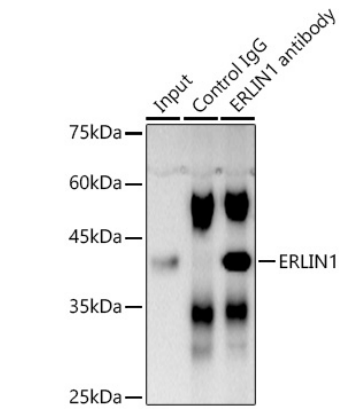
Purification

Affinity purification

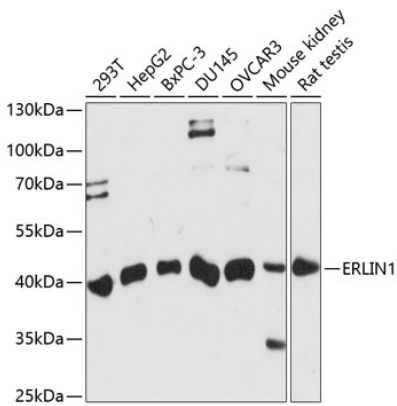
Storage

Store at -20°C

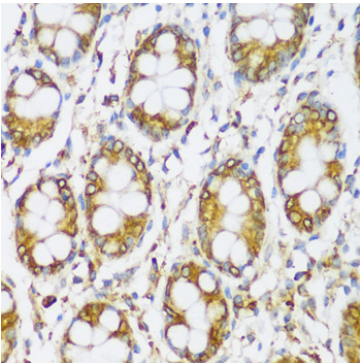
Validation Data



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.



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.



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.