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ERLIN1 Rabbit pAb

Catalog No.: A14843

Basic Information

Observed MW
39kDa

Calculated MW
39kDa

Category
Primary antibody

Applications
ELISA,WB,IHC-P,IP

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

Immunogen Information

Gene ID
10613

Swiss Prot
O75477

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 259-348 of human ERLIN1 (NP_006450.2).

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

Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Product Information

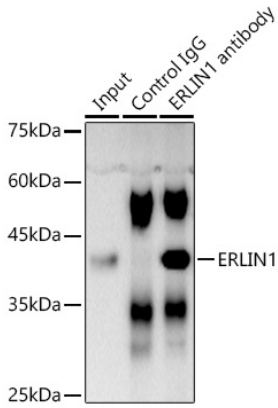**Source**
Rabbit

Isotype
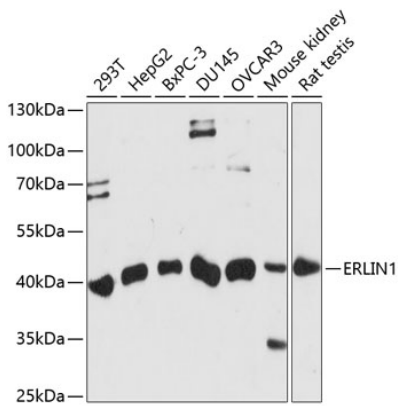IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
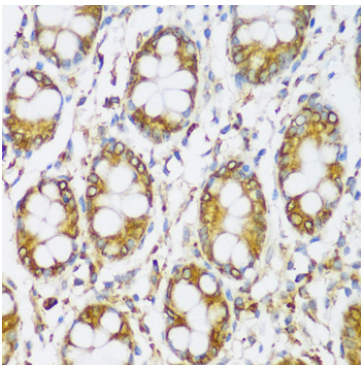Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

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 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).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.