

A4618

Leader in Biomolecular Solutions for Life Science



KLHL3 Rabbit pAb

Catalog No.: A4618

Basic Information

Observed MW

65kDa

Calculated MW

65kDa

Category

Polyclonal Antibody

Applications

WB

Cross-Reactivity

Human

Background

This gene is ubiquitously expressed and encodes a full-length protein which has an N-terminal BTB domain followed by a BACK domain and six kelch-like repeats in the C-terminus. These kelch-like repeats promote substrate ubiquitination of bound proteins via interaction of the BTB domain with the CUL3 (cullin 3) component of a cullin-RING E3 ubiquitin ligase (CRL) complex. Mutations in this gene cause pseudohypoaldosteronism type IID (PHA2D); a rare Mendelian syndrome featuring hypertension, hyperkalaemia and metabolic acidosis. Alternative splicing results in multiple transcript variants encoding distinct isoforms.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

26249

Swiss Prot

Q9UH77

Immunogen

A synthetic Peptide of human KLHL3

Synonyms

PHA2D; KLHL3

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

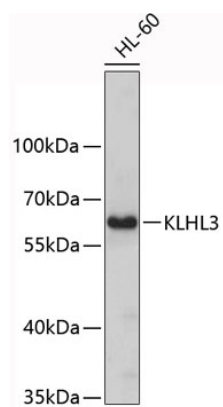
Affinity purification

Storage

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, pH7.3.

Validation Data



Western blot analysis of extracts of HL-60 cells, using KLHL3 antibody (A4618).
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.