

KLHL18 Rabbit pAb

CatalogNo: YN6838

Key Features

Host Species

- Rabbit

Reactivity

- Human

Applications

- WB

MW

- 63kD (Calculated)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human KLHL18

Specificity This antibody detects endogenous levels of KLHL18 at Human

Target Information

Gene name KLHL18 KIAA0795 OK/SW-cl.74

Protein Name Kelch-like protein 18

Organism

Human

Gene ID

[23276](#);

UniProt ID

[O94889](#);

Function

Substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex required for mitotic progression and cytokinesis . The BCR(KLHL18) E3 ubiquitin ligase complex mediates the ubiquitination of AURKA leading to its activation at the centrosome which is required for initiating mitotic entry . Regulates light-and dark-dependent alpha-transducin localization changes in rod photoreceptors through UNC119 ubiquitination and degradation (By similarity). Preferentially ubiquitinates the unphosphorylated form of UNC119 over the phosphorylated form (By similarity). In the presence of UNC119, under dark-adapted conditions alpha-transducin mislocalizes from the outer segment to the inner part of rod photoreceptors which leads to decreased photoreceptor damage caused by light (By similarity).

| Validation Data

| Contact information

Orders: order@immunoway.com
Support: tech@immunoway.com
Telephone: 877-594-3616 (Toll Free), 408-747-0185
Website: <http://www.immunoway.com>
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code to access additional product information:
KLHL18 Rabbit pAb

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