

KLHL18 Rabbit pAb

CatalogNo: YN6838

Key Features

Host Species

- Rabbit

Reactivity

- Human

Applications

- WB

MW

- 63kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

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.

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	Gene ID	UniProt ID
	Human	23276 ;	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

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KLHL18 Rabbit pAb

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