



# KLHL21 Monoclonal Antibody

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-12609                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Reactivity</b>                  | Human                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Applications</b>                | WB;IHC;IF;ELISA                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Gene Name</b>                   | KLHL21                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Immunogen</b>                   | Purified recombinant fragment of human KLHL21 expressed in E. Coli.                                                                                                                                                                                                                                                                                                                                            |
| <b>Specificity</b>                 | KLHL21 Monoclonal Antibody detects endogenous levels of KLHL21 protein.                                                                                                                                                                                                                                                                                                                                        |
| <b>Formulation</b>                 | Ascitic fluid containing 0.03% sodium azide,0.5% BSA, 50%glycerol.                                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>                      | Monoclonal, Mouse                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Purification</b>                | Affinity purification                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Dilution</b>                    | WB: 1/500 - 1/2000. IHC: 1/200 - 1/1000. ELISA: 1/10000.. IF 1:50-200                                                                                                                                                                                                                                                                                                                                          |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Synonyms</b>                    | kelch like 21 (Drosophila);Kelch like protein 21;KIAA0469;KLHL21;Kelch-like protein 21                                                                                                                                                                                                                                                                                                                         |
| <b>Observed Band</b>               |                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Calculated Molecular Weight</b> | 67kD                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cell Pathway</b>                | Cytoplasm, cytoskeleton, spindle . Localizes to the spindle midzone and targets CUL3 to this region.                                                                                                                                                                                                                                                                                                           |
| <b>Tissue Specificity</b>          | Brain,Hepatoma,Hippocampus,Lung carcinoma,PCR rescued clones,Spleen,                                                                                                                                                                                                                                                                                                                                           |
| <b>Function</b>                    | function:Probable substrate-specific adapter of an E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins.,pathway:Protein modification; protein ubiquitination.,similarity:Contains 1 BACK (BTB/Kelch associated) domain.,similarity:Contains 1 BTB (POZ) domain.,similarity:Contains 6 Kelch repeats.,subunit:Interacts with cul3., |
| <b>Background</b>                  | function:Probable substrate-specific adapter of an E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins.,pathway:Protein modification; protein ubiquitination.,similarity:Contains 1 BACK (BTB/Kelch associated) domain.,similarity:Contains 1 BTB (POZ) domain.,similarity:Contains 6 Kelch repeats.,                              |



subunit:Interacts with cul3.,

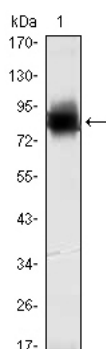
**matters needing attention**

Avoid repeated freezing and thawing!

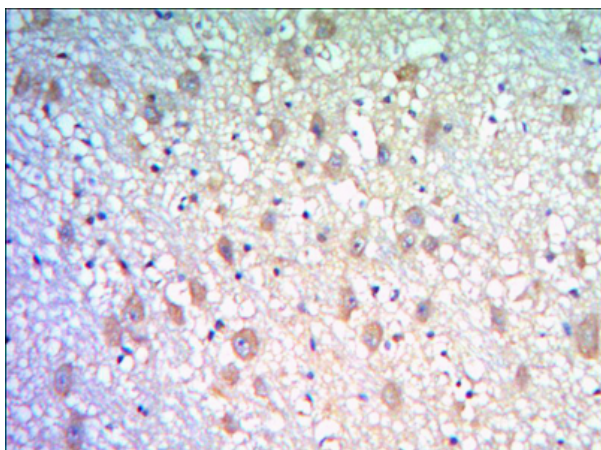
**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis using KLHL21 Monoclonal Antibody against recombinant KLHL21 protein (1).



Immunohistochemistry analysis of paraffin-embedded human brain tissues with DAB staining using KLHL21 Monoclonal Antibody.