

KLHL22 Monoclonal Antibody

Catalog No: YM0403

Reactivity: Human

Applications: WB;IF;ELISA

Target: KLHL22

Gene Name: KLHL22

Protein Name: Kelch-like protein 22

Q53GT1

Q99JN2

Human Gene Id: 84861

Human Swiss Prot

No:

Mouse Swiss Prot

No:

Immunogen: Purified recombinant fragment of human KLHL22 expressed in E. Coli.

Specificity: KLHL22 Monoclonal Antibody detects endogenous levels of KLHL22 protein.

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

Source: Monoclonal, Mouse

Dilution: WB 1:500 - 1:2000. IF 1:200 - 1:1000. ELISA: 1:10000. Not yet tested in other

applications.

Purification: Affinity purification

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

Molecularweight: 72kD

P References: 1. Gene. 1994 Jan 28;138(1-2):171-4.

2. Nat Genet. 2004 Jan;36(1):40-5.

3. Cell. 2009 Jul 23;138(2):389-403.



Background: similarity:Contains 1 BTB (POZ) domain.,similarity:Contains 6 Kelch repeats.,

Function: similarity:Contains 1 BTB (POZ) domain.,similarity:Contains 6 Kelch repeats.,

Subcellular Location:

Cytoplasm, cytosol . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . Cytoplasm, cytoskeleton, spindle . Nucleus . Lysosome . Mainly cytoplasmic in prophase and prometaphase. Associates with the mitotic spindle as the cells reach chromosome bi-orientation. Localizes to the centrosomes shortly before cells enter anaphase After anaphase onset, predominantly associates with the polar microtubules connecting the 2 opposing centrosomes and gradually diffuses into the cytoplasm during telophase (PubMed:23455478). Localizes to the nucleus upon amino acid starvation (PubMed:29769719). Relocalizes to the cytosol and associates with lysosomes when amino acids are available (PubMed:29769719).

Expression: Embryo, Kidney, Liver,

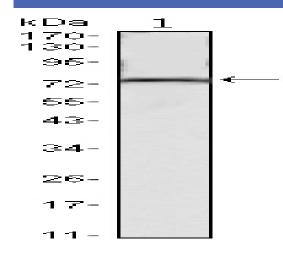
Sort: 8962

No4:

Host: Mouse

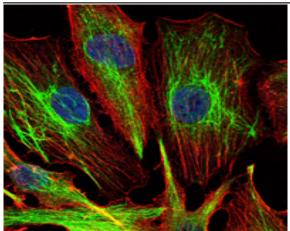
Modifications: Unmodified

Products Images



Western Blot analysis using KLHL22 Monoclonal Antibody against mouse brain tissues lysate.





Immunofluorescence analysis of U251 cells using KLHL22 Monoclonal Antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.