

For Research Use Only

KLHL2 Polyclonal antibody

Catalog Number: 14449-1-AP



Basic Information

Catalog Number:

14449-1-AP

Size:

400 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5950

GenBank Accession Number:

BC022503

GeneID (NCBI):

11275

UNIPROT ID:

O95198

Full Name:

kelch-like 2, Mayven (Drosophila)

Calculated MW:

66 kDa

Observed MW:

66 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:5000-1:50000

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : K-562 cells, human brain tissue, MCF-7 cells, SH-SY5Y cells

IF/ICC : MCF-7 cells,

Background Information

KLHL2 contains an SH3-binding domain in the N terminus and a POZ domain and 6 tandem repeats of approximately 50 amino acids each in the C terminus. In astrocytoma/glioblastoma cells, KLHL2 colocalized with actin filaments in the cytoskeleton remodeling regions in stress fibers and in patchy cortical actin-rich regions of the cell margins. In primary rat hippocampal neurons, it was highly expressed in the cell body and in neurite processes (PMID: 10397770).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

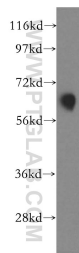
T: 4006900926

E: Proteintech-CN@ptglab.com

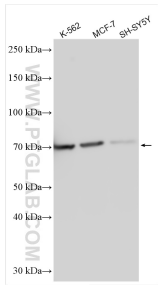
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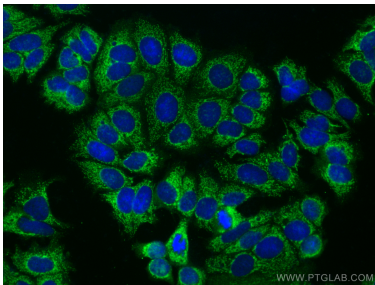
Selected Validation Data



MCF7 cells were subjected to SDS PAGE followed by western blot with 14449-1-AP (KLHL2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 14449-1-AP (KLHL2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed MCF-7 cells using KLHL2 antibody (14449-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).